# RESULTS OF THE METEOROLOGICAL OBSERVATIONS

MADE AT THE

## GOVERNMENT OBSERVATORY, MADRAS

DURING THE YEARS

## 1861—1890

Under the Direction of the late

NORMAN ROBERT POGSON, C.I.E., F.R.A.S.

*EDITED BY*

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And Published by Order of the Government of Madras

MADRAS
PRINTED AT THE LAWRENCE ASYLUM PRESS
1892

UNIV. OF CALIFORNIA

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# INTRODUCTION

This volume contains the Results of the meteorological observations made at the Madras Observatory in the years 1861-1890 during the whole of which time, with the exception of the first few weeks, the late Norman Robert Pogson was Government Astronomer and had charge of the Observatory. It was his intention to have published this volume as soon as possible after the completion of the 30 years, and at the time of his lamented death a considerable part of the manuscript was nearly ready for the press. In editing the work I have, so far as possible, retained the original plan, but I greatly regret that the work was not completed by one who had carried it on so long and to whose care and knowledge it owes its main value. Begun at a time when accurate meteorological observations were less common than they are now and when instrumental appliances were far from perfect, the whole series has been carried out with that scrupulous accuracy and attention to details which his astronomical training had shown Mr. Pogson to be an essential for all really good work. All work connected with the testing of the instruments and working out the corrections was done by himself, while the whole of the work was rigidly supervised. This being so it is all the more to be regretted that he was not able to publish the results and to give a full account of the methods employed. Of his methods for checking the results I learned a good deal from him in conversation from time to time, but in preparing this Introduction I have frequently felt at a loss with regard to minor details which I cannot find amongst the voluminous papers in the Observatory. At the same time the results may be taken as being as nearly as possible accurate for they were reduced immediately after they were taken and all needful corrections were at once applied, so that with the exception of the actual printing and the notes the results had received Mr. Pogson's final revision before his death. Even the notes are mostly taken with a few modifications from his remarks in the Government Gazette in which the weekly, monthly, and annual results have been published since 1870. The only results that I have found it necessary to re-calculate were those for humidity and vapour pressures, the latter of which were, for most of the period dealt with, not calculated at the time but only prepared for this work and not revised. With the exception of the first few months I have re-calculated these throughout from the printed sheets. All the averages have also been taken out fresh from the printed sheets and compared with the manuscript results, so that there seems little risk of any serious error in the printed means.

### Instruments.

(1) *Barometer.*—From January 1861 to December 1876 the barometer employed was the old Observatory standard, Newman No. 42. It was, as formerly, used with a fixed zero of 29·900 inches and the readings were corrected for capacity. The diameter of the tube is 0·514 inches, its thickness 0·125 inches, and the diameter of the cistern is 2·64 inches. When compared in London in 1840, before despatch to Madras, it read 0·005 inches higher than the flint glass standard of the Royal Society, or 0·012 inches higher than the

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crown glass standard. No correction has been applied for this difference. From January 1877 to January 1888 the instrument employed was Newman's standard No. 49. This is an instrument similar to Newman No. 42 but with a tube 0·532 inches in diameter. The two barometers were compared by 30 readings in June 1876 and 20 readings in January 1877 which yielded a mean zero correction of +0·012 inches, which was applied to all the readings. From January 1888 onwards the standard barometer was a secondary standard by Casella (No. 636). It is a Fortin's cistern barometer and the zero is adjusted before each reading. The readings of this barometer do not seem to me to be thoroughly satisfactory, but it is possible that during the time dealt with in the volume there was no cause for complaint, and even at present I do not think that on any day the mean reading is as much as 0·01 inches wrong. The relative correction between this and another similar barometer has changed by only 0·001 inches. The fact that the mean barometer reading for the 30 years differs by only 0·001 inches from the mean obtained from the hourly readings for the preceding 20 years shows that the relative corrections of the other two barometers to the standard of Newman No. 42 have been made with great accuracy.

(2) *Thermometers.*—The dry and wet bulb thermometers have all been carefully compared from time to time with standard thermometers and the freezing points of the standards have themselves been checked in melting ice. The two standards employed were Kew 328 and Kew 329. The zero of the former was determined in 1865, 1872, and 1874 and on each occasion was found to be exactly right. This thermometer was accidentally broken by coming in contact with the punkah just after the last comparison was made. Kew 329 was less constant. The following are the freezing point determinations made with it:

| | | | |
|---|---|---|---|
| 1865 ... | 31·90 | 1876 ... | 31·50 |
| 1874 ... | 31·50 | 1877 ... | 31·50 |
| 1875 ... | 31·55 | | |

It has been used since 1874 with the correction +0·5. It is rather remarkable that the freezing point has fallen.

The corrections for the other thermometers were determined in the following way. For the dry maximum the correction was taken as the difference of readings at 10 A.M. between the dry bulb (corrected) and the dry maximum. For the dry minimum the correction was taken as the difference of reading at 10 P.M., (or latterly 8 P.M.) between the dry bulb (corrected) and the dry minimum. The corrections for the wet minimum and grass minimum were similarly got by comparison with the wet bulb at 10 P.M., and the corrections for the sun maximum also by comparison with the dry bulb at the same hour. The evening and not the morning reading being taken in this case on account of the very unsatisfactory nature of comparisons that are made of sun thermometers in vacuo in day-light, and because the thermometer should be exposed long before 10 A.M. In each case the actual correction applied for each half month was the mean of the corrections obtained for that half month.

*Anemograph.*—Since 1864 the wind direction and velocity have been obtained from the records of a Beckley anemograph, by Adie, carried on a wooden framework erected on the roof of the Astronomer's house. The cups of the anemograph are about 8¼ inches in diameter and the distance from centre to centre of two opposite cups is 4 feet. The height of the cups above ground is 44 feet and the height above the parapet of the building is 18 feet. I can find no record of any tests that were made as to the accuracy of the scale of this instrument before it was sent to Madras, but as it was made under the direction of the late Professor Balfour Stewart it is probable that due care was taken regarding this important point. The readings for wind velocity have been accepted without any correction, and the instrument has been taken as the standard for smaller instruments used in other parts of the Presidency. The accuracy as regards wind direction has been tested from time to time. The record of direction is not thoroughly trustworthy when the velocity falls below two miles an hour.

*Raingauges.*—The standard raingauge has a funnel 8 inches in diameter and the mouth is two feet above the surface of the ground. The gauge and measuring glass have been carefully tested. The distribution of the rainfall between the hours of reading is effected by reference to the raingauge connected with the anemograph. This consists of a receiver nearly 15 inches in diameter connected by a long pipe with a cylindrical receiver in which there is a float. This float actuates a pencil which records the rainfall on the revolving drum of the anemograph. When the receiver is filled up to a certain point it is emptied by a siphon on the principle of the tantalus cup. This arrangement is far from satisfactory, especially in a light rain, for at times the siphon does not act suddenly but the water only dribbles out at the same rate as it comes in. In heavy rain the action is fairly good. It should be noted, however, that any failure in the action of this gauge does not affect the total amount registered but only the hourly distribution. The total fall registered is that given by the standard gauge. The real risk in rainfall measurements is in miscounting the number of fills of the measuring glass and this risk has been guarded against by always measuring the amount in two other gauges of different sizes.

## Position of Instruments.

The barometer is hung on the north wall of the transit room and the cistern is 22 feet above mean sea level. The readings given in this volume have not been reduced to sea level, neither has any correction been applied for the value of gravity. To reduce to sea level and the value of gravity at latitude 45° the following corrections have to be applied :—

| Barometer Inches. | Temperature F° | | |
|---|---|---|---|
| | 70° | 80° | 90° |
| 29 | −0·044 | −0·044 | −0·045 |
| 30 | −0·046 | −0·046 | −0·047 |
| 31 | −0·048 | −0·048 | −0·049 |

Previous to 1861 the thermometers were exposed in a large open verandah with a tiled roof, but as this evidently did not meet the requirements of exact shade temperature measurements Mr. Pogson introduced what is now known as the "Indian shed" and used, I believe, at all Indian observatories. The shed, which lies north and south, consists of a thatched gable roof supported on wooden posts and frames with a light railing round it to keep out cattle. The shed is 16 feet long and 12 feet broad ; the roof is 5 feet from the ground at the sides and 10 feet at the middle. The sides and ends are quite open except for two side screens 5½ feet wide, reaching from the roof to within 1 foot of the ground, in the centre of the sides. The thatch is 6 inches thick. Originally the thermometers, which face north, were fixed to an open frame in the centre of the shed but for some years past, to protect them from injury from crows and other animals, they have been placed in a light cage of which the back and front are made of very wide-meshed iron wire netting. The bulbs of the wet and dry bulb thermometers are 4 feet from the ground, those of the dry maximum and dry minimum 4 feet 7 inches and 4 feet 4 inches respectively. The wet and dry bulb thermometers are at opposite sides of the cage and are 16 inches apart. The door of the cage is hinged at the bottom so that when open the thermometers are fully exposed. The door is always opened five minutes before readings are taken. In front of the shed, in a space enclosed by a wire fence, are the raingauges and the stand for the sun maximum and grass minimum thermometers. The former is supported 10 inches and the latter 3 inches above the surface of the ground.

The ground inside the enclosure and all round it is covered with grass in the wet season but in the hot weather there is frequently little grass to be seen.

This form of thermometer shelter is perhaps not altogether an ideal one but it is incomparably superior to the Stevenson or other similar screens still used even in some tropical or semi-tropical countries. In fact Dr. Doberck has recently shown by a long series of comparisons with rotating thermometers, carried out at Hongkong, that the Indian shed is far the best screen in common use. So far as I have been able to determine, the errors are very small except on perfectly still, bright days when even the slight hindrance which it offers to the free circulation of the air produces appreciable differences between the air temperatures outside and inside the shed. The highest temperatures recorded are probably not at all affected by this, for they occur when there is a strong dry wind blowing from the west.

It will be noticed from the table on p. 392 that the mean thermometric range and the mean maximum temperatures for the 30 years 1861 to 1890 differ considerably from those for the 20 years preceding. This is due to the change in the method of exposure. Comparative readings of thermometers in the verandah and in the shed were taken for a sufficiently long time to enable the relative corrections to be determined with accuracy, and when these corrections are applied to the 20 years' series the means come out almost exactly the same as those for the 30 years' series.

## Hours of Reading and Methods of Reduction.

From 1841 to 1860 the readings were taken at each hour of Göttingen mean time, but from 1861 Madras mean time was employed. From 1861 to 1889 the hours of reading were 10 A.M., 4 P.M., and 10 P.M., and thereafter, on account of a change in the hour of sending the daily weather telegram to Simla, the hours were 8 A.M., 2 P.M., and 8 P.M. The method of deducing the means from the observations differs from that usually employed and must therefore be described more in detail. It must be remembered that in India the daily barometer tide is the most prominent feature in the barometric readings, and no reduction is of any value which does not pay due attention to this. Were the tide perfectly uniform the correction for hours might be treated as a constant which had to be added to or subtracted from the mean reading, but the amount of the tide varies from day to day and Mr. Pogson held that the true correction for hours in any day was a function of the tide for that day. Accordingly the first thing to be determined is the daily range. The hours of maximum and mininum readings are near 10 A.M. and 4 P.M., but do not exactly coincide with them, and so the range is got by multiplying the difference between the 10 A.M. and 4 P.M. readings by a factor which varies slightly from month to month and is called the *Barometric Range Factor*. The range having been thus determined the correction for hours is got by multiplying it by a factor depending on the season of the year and the hours of observation. An exactly similar treatment is applied to the thermometer readings.

The following extract from Mr. Pogson's *Meteorological Reduction Tables* will show the actual method employed :—

"The hours of registration adopted throughout the Madras Presidency are 10 A.M., 4 P.M., and 10 P.M. The barometric range is found, by multiplying the difference between the 10 A.M. and 4 P.M. readings, both previously reduced to 32°, by the factor for the date, taken from the column headed Barometric Range, retaining only three decimal places. The daily range thus found when multiplied by the factor in the next column, headed Mean Barometer, gives the correction, always minus or subtractive from the mean of the three reduced readings, to obtain the mean atmospheric pressure for the day.

The numbers in the column headed Dry Bulb Thermometer, are factors by which to multiply the range, or difference between the corrected readings of the maximum and minimum dry bulb thermometers, retaining only tenths of a degree in the product. The mean of the morning minimum, and of the three ordinary readings, *i.e.*, their sum divided by four, when diminished by this small correction, gives the mean daily temperature. From August 9th till September 28th there is no correction at all, the factor being 0·00; and for nearly all the rest of the year, as the factor is only −0·01, the correction will be found by simply removing the decimal point two places to the left in the range for the day, retaining the nearest tenth of a degree in the usual manner.

For the mean daily temperature of evaporation the process is very similar; only in this case, the range not being known, the factor for the day, taken from the column Wet Bulb Thermometer, is to be multiplied by the excess of the 4 P.M. reading above that of the morning minimum; and the correction is always plus, or additive to the mean of the four readings."

All these factors have been calculated from the series of hourly observations made between 1841 and 1861 of which the first 15 years have been published but the last 5 years are still in manuscript. The following is the actual table used when the readings were 10 A.M., 4 P.M. and 10 P.M. :—

MADRAS DAILY METEOROLOGICAL FACTORS.

| From | Barometric Range. | Mean Barometer. | Dry Bulb Thermometer. | Wet Bulb Thermometer. | From | Barometric Range. | Mean Barometer. | Dry Bulb Thermometer. | Wet Bulb Thermometer. |
|---|---|---|---|---|---|---|---|---|---|
| January .......... 1 | 1·05 | − 0·11 | − 0·02 | 0·00 | July ............... 23 | 1·06 | − 0·03 | − 0·01 | + 0·03 |
| January ......... 15 | 1·04 | − 0·11 | − 0·01 | 0·00 | July .............. 29 | 1·05 | − 0·03 | − 0·01 | + 0·03 |
| January ......... 26 | 1·03 | − 0·11 | − 0·01 | 0·00 | August ............ 9 | 1·05 | − 0·03 | 0·00 | + 0·03 |
| February ........ 2 | 1·02 | − 0·11 | − 0·01 | 0·00 | August ............ 15 | 1·04 | − 0·04 | 0·00 | + 0·03 |
| February ........ 13 | 1·02 | − 0·11 | − 0·01 | + 0·01 | September ....... 4 | 1·04 | − 0·05 | 0·00 | + 0·03 |
| February ........ 21 | 1·02 | − 0·10 | − 0·01 | + 0·01 | September ...... 11 | 1·05 | − 0·05 | 0·00 | + 0·03 |
| March ........... 1 | 1·03 | − 0·10 | − 0·01 | + 0·01 | September ..... 20 | 1·06 | − 0·06 | 0·00 | + 0·03 |
| March ........... 5 | 1·03 | − 0·09 | − 0·01 | + 0·01 | September ..... 29 | 1·07 | − 0·06 | − 0·01 | + 0·03 |
| March ........... 8 | 1·03 | − 0·09 | − 0·01 | + 0·02 | October .......... 3 | 1·07 | − 0·07 | − 0·01 | + 0·03 |
| March ........... 14 | 1·04 | − 0·08 | − 0·01 | + 0·02 | October .......... 6 | 1·07 | − 0·07 | − 0·01 | + 0·02 |
| March ........... 26 | 1·05 | − 0·07 | − 0·01 | + 0·03 | October .......... 14 | 1·08 | − 0·08 | − 0·01 | + 0·02 |
| April ............ 3 | 1·05 | − 0·06 | − 0·01 | + 0·03 | October .......... 26 | 1·08 | − 0·09 | − 0·01 | + 0·01 |
| April ............ 10 | 1·06 | − 0·06 | − 0·01 | + 0·04 | November ....... 3 | 1·09 | − 0·10 | − 0·01 | + 0·01 |
| April ............ 15 | 1·06 | − 0·05 | − 0·01 | + 0·04 | November ....... 16 | 1·09 | − 0·11 | − 0·01 | + 0·01 |
| May .............. 16 | 1·06 | − 0·04 | − 0·01 | + 0·04 | November ....... 26 | 1·08 | − 0·11 | − 0·02 | + 0·01 |
| May .............. 20 | 1·06 | − 0·04 | − 0·01 | + 0·03 | December ........ 4 | 1·07 | − 0·11 | − 0·02 | 0·00 |
| June ............. 5 | 1·06 | − 0·03 | − 0·01 | + 0·03 | December ........ 16 | 1·06 | − 0·11 | − 0·02 | 0·00 |
| June ............. 21 | 1·06 | − 0·02 | − 0·01 | + 0·03 | December ........ 29 | 1·05 | − 0·11 | − 0·02 | 0·00 |

MADRAS HALF MONTHLY METEOROLOGICAL FACTORS.

| For | Sign. | January. | | February. | | March. | | April. | | May. | | June. | | July. | | August. | | September. | | October. | | November. | | December. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barometric Range | + | 1·05 | 1·04 | 1·02 | 1·02 | 1·03 | 1·04 | 1·05 | 1·06 | 1·06 | 1·06 | 1·06 | 1·06 | 1·06 | 1·06 | 1·05 | 1·04 | 1·04 | 1·06 | 1·07 | 1·08 | 1·09 | 1·09 | 1·07 | 1·06 |
| Mean Barometer... | — | 0·11 | 0·11 | 0·11 | 0·10 | 0·09 | 0·08 | 0·06 | 0·05 | 0·05 | 0·04 | 0·03 | 0·02 | 0·02 | 0·03 | 0·03 | 0·04 | 0·05 | 0·06 | 0·07 | 0·08 | 0·10 | 0·11 | 0·11 | 0·11 |
| Dry Bulb Thermometer........... | — | 0·02 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·01 | 0·00 | 0·00 | 0·00 | 0·01 | 0·01 | 0·01 | 0·01 | 0·02 | 0·02 |
| Wet Bulb Thermometer.......... | + | 0·00 | 0·00 | 0·00 | 0·01 | 0·01 | 0·02 | 0·03 | 0·04 | 0·04 | 0·03 | 0·03 | 0·03 | 0·03 | 0·03 | 0·03 | 0·03 | 0·03 | 0·03 | 0·02 | 0·02 | 0·01 | 0·01 | 0·00 | 0·00 |

*Moisture.*—The vapour tension (I use the term under protest) and humidity have been calculated from Blanford's *Tables for the Reduction of Meteorological Observations in India.*

*Wind.*—The mean daily direction of the wind was obtained simply by taking the arithmetical mean of the mean directions for each hour as measured on the anemogram. Similarly the mean monthly and annual directions are the arithmetical means of the daily and monthly means. A separate table is given at the end showing the resultant monthly and annual wind direction and force got by taking account of the number of miles of wind from each point of the compass from 1868 to 1890.

*Rainy days.*—The number of rainy days given is got by reckoning all days on which 0·01 of an inch

and upwards fell. This must be remembered in comparing with other Indian returns in which a day is not counted unless 0·1 of an inch falls. The rain recorded is for the civil day—midnight to midnight.

*Clouds.*—The cloud proportion is obtained from eye estimates made three times a day. This is probably the least satisfactory of all the records and can be looked upon as only a very rough approximation to the truth. This is especially the case with the records since 1887 when night observations by the assistants were given up. After that no account was taken of the cloudiness between the hour of the evening observation and about 8 A.M. of the following day. I have not printed the records of the character of the clouds partly because Mr. Pogson had not intended to do so in the part of the volume he had prepared, and partly because of the very unsatisfactory nature of the records.

*General Weather.*—This has been taken from the weather remarks in the observation books up to 1870, and thereafter from the "General Weather" column in the weekly *Gazette* notices. It is of very little value but I have utilized it for recording thunder and lightning. With regard to this it may be pointed out that the term 'thunderstorm' is employed only when there was thunder and lightning accompanied by rain. In cases in which the entry is "thunder: lightning: rain", the rain did not accompany the thunder and lightning.

## General Remarks.

It was at first intended to add to this volume a series of appendices discussing the observations, but I have thought it better to issue the volume as it is, leaving over all discussion till it is possible to take up the records for the complete period of 50 years from 1841 to 1890. Before this is done it will probably be well to publish the hourly observations for the five years 1856-1860. Meanwhile the tables of averages at the end of the volume will give a very close approximation to the true, mean meteorological conditions of Madras, for the period of 30 years seems to be long enough to eliminate both accidental and cyclical variations.

I cannot conclude this Introduction without expressing my admiration at the skill and thoroughness with which Mr. Pogson organised and carried out these observations. The immense amount of labour which he bestowed on the investigation of the corrections that had to be applied to obtain true mean values is proved by the masses of papers which he left on the subject, and some idea of it may be obtained from the consideration that in the matter of temperatures at least all the old observations had to be corrected not only for instrumental errors but also for defective exposures before they could be utilized for this purpose. The success with which these corrections were applied may be judged from the fact that the means deduced in 1868 agree almost exactly with the means now got for the 30 years. Unfortunately, the whole of this work had to be done by Mr. Pogson himself so that none of the assistants know anything of the methods employed, hence though the results are available it is not always easy to find how they were arrived at, and other work has prevented me from going into the question as thoroughly as I would have wished to have done.

C. M. S.

Madras Observatory,
1*st February* 1892.

# Madras Meteorological Observations. 1861—January.

| January 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·066 | 0·102 | 74·1 | 67·7 | 79·0 | 68·4 | ... | ... | 0·593 | 70 | ... | E N E | ... | ... | |
| 2 | 30·049 | 0·097 | 74·4 | 68·0 | 79·6 | 68·4 | ... | ... | 0·600 | 70 | ... | E N E | ... | ... | |
| 3 | 30·028 | 0·121 | 74·5 | 67·1 | 79·8 | 68·1 | ... | ... | 0·566 | 66 | ... | E by N | ... | ... | |
| 4 | 30·013 | 0·120 | 73·3 | 66·5 | 78·9 | 65·9 | ... | ... | 0·561 | 69 | ... | E N E | ... | ... | |
| 5 | 29·971 | 0·131 | 73·1 | 67·4 | 79·0 | 65·2 | ... | ... | 0·596 | 73 | ... | E N E | ... | ... | |
| 6 | 29·974 | 0·111 | 73·5 | 68·3 | 79·6 | 66·3 | ... | ... | 0·624 | 75 | ... | N E by E | ... | ... | |
| 7 | 29·956 | 0·130 | 73·7 | 68·6 | 79·0 | 66·6 | ... | ... | 0·632 | 76 | ... | E by N | ... | ... | |
| 8 | 29·945 | 0·120 | 74·2 | 69·8 | 81·2 | 66·9 | ... | ... | 0·670 | 79 | ... | N E by E | ... | ... | |
| 9 | 29·979 | 0·096 | 74·5 | 70·2 | 81·3 | 68·1 | ... | ... | 0·682 | 80 | ... | E by N | ... | ... | |
| 10 | 29·978 | 0·096 | 74·4 | 69·8 | 81·1 | 67·9 | ... | ... | 0·668 | 79 | ... | E by N | ... | ... | |
| 11 | 29·980 | 0·102 | 75·8 | 71·3 | 81·6 | 69·5 | ... | ... | 0·708 | 79 | ... | E by N | ... | ... | |
| 12 | 29·986 | 0·113 | 76·2 | 71·5 | 81·3 | 72·1 | ... | ... | 0·710 | 78 | ... | East | ... | ... | |
| 13 | 29·989 | 0·123 | 75·8 | 71·0 | 81·5 | 70·0 | ... | ... | 0·696 | 78 | ... | E N E | ... | ... | |
| 14 | 29·984 | 0·107 | 77·4 | 71·3 | 81·2 | 75·0 | ... | ... | 0·686 | 73 | ... | E N E | ... | ... | |
| 15 | 30·014 | 0·108 | 77·4 | 71·2 | 81·7 | 74·4 | ... | ... | 0·682 | 72 | ... | N E by E | ... | ... | |
| 16 | 29·990 | 0·137 | 75·9 | 70·9 | 82·9 | 70·6 | ... | ... | 0·691 | 77 | ... | E N E | ... | ... | Not recorded. |
| 17 | 29·939 | 0·155 | 75·4 | 70·4 | 81·9 | 68·9 | ... | ... | 0·678 | 77 | ... | N E by E | ... | ... | |
| 18 | 29·971 | 0·107 | 74·9 | 70·3 | 81·3 | 67·6 | ... | ... | 0·681 | 79 | ... | E by N | ... | ... | |
| 19 | 29·980 | 0·123 | 74·0 | 69·5 | 81·1 | 67·4 | ... | ... | 0·662 | 79 | ... | E S E | ... | ... | |
| 20 | 29·990 | 0·149 | 74·6 | 70·1 | 81·3 | 66·6 | ... | ... | 0·677 | 79 | ... | E S E | ... | ... | |
| 21 | 29·941 | 0·144 | 77·6 | 72·5 | 83·8 | 70·4 | ... | ... | 0·732 | 78 | ... | S E by E | ... | ... | |
| 22 | 29·890 | 0·157 | 78·2 | 73·6 | 83·6 | 72·2 | ... | ... | 0·768 | 80 | ... | S S E | ... | ... | |
| 23 | 29·921 | 0·127 | 77·7 | 73·0 | 83·8 | 72·0 | ... | ... | 0·750 | 79 | ... | S by W | ... | ... | |
| 24 | 29·950 | 0·115 | 77·2 | 72·1 | 83·1 | 70·3 | ... | ... | 0·721 | 77 | ... | S S E | ... | ... | |
| 25 | 29·965 | 0·133 | 77·3 | 71·9 | 82·8 | 70·9 | ... | ... | 0·711 | 75 | ... | East | ... | ... | |
| 26 | 29·948 | 0·154 | 77·4 | 72·0 | 82·4 | 71·6 | ... | ... | 0·713 | 75 | ... | N E | ... | ... | |
| 27 | 29·940 | 0·117 | 78·6 | 71·5 | 83·5 | 75·2 | ... | ... | 0·678 | 70 | ... | E by N | ... | ... | |
| 28 | 29·904 | 0·146 | 75·4 | 70·6 | 82·7 | 69·4 | ... | ... | 0·686 | 78 | ... | E N E | ... | ... | |
| 29 | 29·876 | 0·131 | 76·4 | 70·4 | 84·6 | 67·6 | ... | ... | 0·664 | 73 | ... | N E by N | ... | ... | |
| 30 | 29·895 | 0·118 | 75·8 | 69·3 | 83·1 | 67·8 | ... | ... | 0·630 | 71 | ... | S E by S | ... | ... | |
| 31 | 29·937 | 0·138 | 76·2 | 69·6 | 83·1 | 68·4 | ... | ... | 0·636 | 71 | ... | S E | ... | ... | |
| Mean | 29·966 | 0·123 | 75·6 | 70·2 | 81·6 | 69·3 | ... | ... | 0·669 | 75 | ... | East | ... | *Nil* | |

# Madras Meteorological Observations. 1861—February.

| February 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·950 | 0·121 | 76·3 | 69·8 | 82·5 | 68·4 | ... | ... | 0·642 | 71 | ... | E S E | ... | ... | |
| 2 | 29·930 | 0·148 | 75·3 | 66·9 | 81·5 | 67·1 | ... | ... | 0·549 | 62 | ... | E by N | ... | ... | |
| 3 | 29·913 | 0·142 | 73·6 | 68·7 | 80·9 | 64·7 | ... | ... | 0·637 | 77 | ... | N E | ... | ... | |
| 4 | 29·889 | 0·149 | 73·7 | 68·6 | 82·2 | 65·2 | ... | ... | 0·632 | 76 | ... | E by N | ... | ... | |
| 5 | 29·858 | 0·157 | 73·8 | 68·1 | 83·5 | 64·9 | ... | ... | 0·612 | 73 | ... | S by E | ... | ... | |
| 6 | 29·867 | 0·124 | 74·4 | 69·1 | 84·4 | 64·6 | ... | ... | 0·642 | 75 | ... | South | ... | ... | |
| 7 | 29·934 | 0·135 | 74·8 | 68·8 | 86·1 | 65·5 | ... | ... | 0·625 | 72 | ... | South | ... | ... | |
| 8 | 29·953 | 0·128 | 74·9 | 70·4 | 84·9 | 67·0 | ... | ... | 0·684 | 79 | ... | S S E | ... | ... | |
| 9 | 29·938 | 0·126 | 74·1 | 69·9 | 83·2 | 66·8 | ... | ... | 0·676 | 80 | ... | E N E | ... | ... | |
| 10 | 29·941 | 0·115 | 74·6 | 69·4 | 83·3 | 65·4 | ... | ... | 0·650 | 75 | ... | S E | ... | ... | |
| 11 | 29·961 | 0·123 | 73·3 | 67·8 | 83·3 | 65·3 | ... | ... | 0·601 | 72 | ... | S W | ... | ... | |
| 12 | 29·961 | 0·116 | 73·5 | 66·9 | 82·2 | 64·2 | ... | ... | 0·573 | 70 | ... | S by E | ... | ... | |
| 13 | 29·962 | 0·151 | 73·0 | 66·9 | 81·8 | 64·9 | ... | ... | 0·580 | 72 | ... | South | .. | ... | |
| 14 | 29·957 | 0·142 | 75·0 | 67·1 | 81·8 | 67·5 | ... | ... | 0·559 | 64 | ... | East | ... | ... | |
| 15 | 29·922 | 0·152 | 72·1 | 66·4 | 81·2 | 63·4 | ... | ... | 0·573 | 72 | ... | E by N | ... | ... | Not recorded. |
| 16 | 29·929 | 0·126 | 72·3 | 66·9 | 82·0 | 62·2 | ... | ... | 0·588 | 74 | ... | East | ... | ... | |
| 17 | 29·957 | 0·103 | 73·5 | 69·6 | 84·0 | 62·5 | ... | ... | 0·672 | 81 | ... | S S E | ... | ... | |
| 18 | 30·007 | 0·119 | 75·8 | 72·0 | 82·4 | 66·5 | ... | ... | 0·735 | 83 | ... | S E by E | ... | ... | |
| 19 | 30·040 | 0·130 | 76·6 | 72·9 | 82·3 | 68·5 | ... | ... | 0·760 | 83 | ... | East | ... | ... | |
| 20 | 30·001 | 0·150 | 77·2 | 72·8 | 83·3 | 69·2 | ... | ... | 0·749 | 80 | ... | E N E | ... | ... | |
| 21 | 30·009 | 0·124 | 79·0 | 75·2 | 84·5 | 73·4 | ... | ... | 0·824 | 83 | ... | N E by E | ... | ... | |
| 22 | 30·007 | 0·132 | 78·4 | 75·2 | 83·6 | 72·6 | ... | ... | 0·832 | 85 | .. | E by N | ... | ... | |
| 23 | 29·996 | 0·134 | 77·0 | 72·6 | 82·8 | 69·9 | ... | ... | 0·743 | 80 | ... | E N E | ... | ... | |
| 24 | 29·974 | 0·119 | 76·1 | 71·6 | 82·1 | 68·4 | ... | ... | 0·716 | 79 | ... | N E by E | ... | ... | |
| 25 | 29·950 | 0·112 | 74·9 | 69·8 | 83·1 | 66·8 | ... | ... | 0·662 | 77 | ... | East | ... | ... | |
| 26 | 29·944 | 0·101 | 75·7 | 70·8 | 84·8 | 66·1 | ... | ... | 0·689 | 77 | ... | N E by E | ... | ... | |
| 27 | 29·949 | 0·129 | 77·7 | 72·0 | 85·5 | 68·8 | ... | ... | 0·710 | 75 | ... | N E by E | ... | ... | |
| 28 | 29·961 | 0·107 | 78·3 | 74·0 | 85·9 | 70·4 | ... | ... | 0·783 | 81 | ... | E N E | ... | ... | |
| Mean | 29·952 | 0·129 | 75·2 | 70·0 | 83·2 | 66·8 | ... | ... | 0·668 | 76 | ... | E S E | ... | *Nil* | |

# Madras Meteorological Observations. 1861—March.

| March 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·964 | 0·134 | 79·7 | 75·2 | 87·1 | 72·0 | ... | ... | 0·815 | 80 | ... | E S E | ... | ... | Not recorded. |
| 2 | 29·977 | 0·144 | 79·6 | 74·2 | 86·6 | 71·8 | ... | ... | 0·774 | 76 | ... | S by E | ... | ... | |
| 3 | 29·917 | 0·149 | 77·2 | 71·5 | 85·6 | 68·4 | ... | ... | 0·697 | 75 | ... | S S W | ... | ... | |
| 4 | 29·895 | 0·130 | 76·7 | 70·9 | 84·6 | 66·9 | ... | ... | 0·680 | 74 | ... | S S W | ... | ... | |
| 5 | 29·899 | 0·126 | 77·9 | 72·3 | 85·3 | 68·4 | ... | ... | 0·719 | 75 | ... | South | ... | ... | |
| 6 | 29·880 | 0·138 | 79·4 | 73·7 | 86·5 | 70·5 | ... | ... | 0·755 | 75 | ... | S by W | ... | ... | |
| 7 | 29·881 | 0·123 | 79·1 | 72·7 | 86·7 | 71·1 | ... | ... | 0·719 | 72 | ... | South | ... | ... | |
| 8 | 29·907 | 0·123 | 79·3 | 73·2 | 86·0 | 71·0 | ... | ... | 0·737 | 74 | ... | S S E | ... | ... | |
| 9 | 29·915 | 0·127 | 79·4 | 73·7 | 87·0 | 70·5 | ... | ... | 0·756 | 75 | ... | S S E | ... | ... | |
| 10 | 29·899 | 0·131 | 81·1 | 75·1 | 88·0 | 74·0 | ... | ... | 0·792 | 74 | ... | S S E | ... | ... | |
| 11 | 29·919 | 0·129 | 81·6 | 76·2 | 88·6 | 74·8 | ... | ... | 0·832 | 77 | ... | S S E | ... | ... | |
| 12 | 29·962 | 0·148 | 80·8 | 76·1 | 86·2 | 78·7 | ... | ... | 0·838 | 80 | ... | E S E | ... | ... | |
| 13 | 29·963 | 0·133 | 76·2 | 71·6 | 83·5 | 73·4 | ... | ... | 0·715 | 79 | ... | N N E | ... | 0·16 | |
| 14 | 29·902 | 0·144 | 78·5 | 73·8 | 84·8 | 70·4 | ... | ... | 0·773 | 79 | ... | E N E | ... | ... | |
| 15 | 29·870 | 0·106 | 78·4 | 73·8 | 86·7 | 70·6 | ... | ... | 0·774 | 80 | ... | E by N | ... | ... | |
| 16 | 29·878 | 0·121 | 80·1 | 74·7 | 87·5 | 72·4 | ... | ... | 0·788 | 76 | ... | S by E | ... | .. | |
| 17 | 29·904 | 0·106 | 81·1 | 76·5 | 89·2 | 73·5 | ... | ... | 0·852 | 81 | ... | S by E | ... | ... | |
| 18 | 29·825 | 0·131 | 82·9 | 77·2 | 88·8 | 75·2 | ... | ... | 0·858 | 76 | ... | S S E | 63 | ... | Fine with passing clouds. |
| 19 | 29·867 | 0·109 | 82·1 | 76·7 | 89·8 | 76·1 | ... | ... | 0·848 | 77 | ... | South | 80 | 0·02 | Cloudy. |
| 20 | 29·859 | 0·129 | 80·2 | 76·8 | 85·8 | 73·9 | ... | ... | 0·877 | 85 | ... | S by W | 80 | 0·73 | Do.: lg. W. & N. W. |
| 21 | 29·877 | 0·142 | 79·6 | 75·6 | 87·2 | 71·4 | ... | ... | 0·833 | 82 | ... | S W | 57 | 0·13 | Fine with passing clouds. |
| 22 | 29·846 | 0·132 | 81·2 | 76·2 | 93·8 | 72·7 | ... | ... | 0·837 | 78 | ... | S S W | 27 | ... | Fine. |
| 23 | 29·838 | 0·134 | 83·0 | 78·2 | 91·9 | 75·6 | ... | ... | 0·901 | 80 | ... | SW by S | 69 | ... | Fine with passing clouds. |
| 24 | 29·847 | 0·151 | 83·7 | 78·8 | 91·2 | 75·2 | ... | ... | 0·920 | 79 | ... | S by W | 37 | ... | Do. |
| 25 | 29·873 | 0·129 | 83·8 | 77·6 | 90·9 | 76·6 | ... | ... | 0·864 | 75 | ... | South | 23 | ... | Fine. |
| 26 | 29·909 | 0·126 | 82·4 | 76·7 | 89·0 | 73·3 | ... | ... | 0·843 | 76 | ... | South | 20 | ... | Do. |
| 27 | 29·903 | 0·131 | 82·0 | 76·6 | 88·8 | 73·1 | ... | ... | 0·844 | 77 | ... | South | 10 | ... | Clear. |
| 28 | 29·903 | 0·123 | 80·9 | 75·9 | 88·7 | 72·4 | ... | ... | 0·828 | 78 | ... | South | 0 | ... | Do. |
| 29 | 29·929 | 0·116 | 79·7 | 74·1 | 87·5 | 70·3 | ... | ... | 0·769 | 76 | ... | South | 0 | ... | Very clear. |
| 30 | 29·931 | 0·138 | 78·8 | 73·8 | 87·0 | 69·8 | ... | ... | 0·768 | 78 | ... | South | 47 | ... | Fine with passing clouds. |
| 31 | 29·883 | 0·127 | 80·1 | 74·6 | 88·3 | 70·0 | ... | ... | 0·784 | 76 | ... | South | 10 | ... | Fine. |
| Mean | 29·898 | 0·130 | 80·2 | 75·0 | 87·7 | 72·4 | ... | ... | 0·800 | 77 | ... | S by E | ... | 1·04 | |

# Madras Meteorological Observations. 1861—April,

| April 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | | Grass | | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | | Min. | | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | | ° | | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·875 | 0·105 | 79·5 | 74·9 | 88·3 | 69·9 | ... | | ... | | 0·806 | 80 | ... | S S W | 0 | ... | Clear. |
| 2 | 29·883 | 0·106 | 79·8 | 73·9 | 88·1 | 70·6 | ... | | ... | | 0·757 | 74 | ... | S by W | 0 | ... | Do. |
| 3 | 29·867 | 0·148 | 79·9 | 74·5 | 88·4 | 68·7 | ... | | ... | | 0·782 | 76 | ... | South | 10 | ... | Do. |
| 4 | 29·813 | 0·167 | 83·2 | 77·2 | 90·1 | 74·1 | ... | | ... | | 0·854 | 75 | ... | South | 27 | ... | Fine with passing clouds. |
| 5 | 29·797 | 0·131 | 83·5 | 77·2 | 90·5 | 75·7 | ... | | ... | | 0·850 | 74 | ... | S by W | 33 | ... | Do. |
| 6 | 29·782 | 0·139 | 83·1 | 77·4 | 91·7 | 74·0 | ... | | ... | | 0·864 | 76 | ... | South | 23 | ... | Fine. |
| 7 | 29·780 | 0·137 | 83·2 | 77·0 | 90·9 | 73·4 | ... | | ... | | 0·845 | 74 | ... | S S E | 63 | ... | Hazy. |
| 8 | 29·788 | 0·138 | 83·4 | 77·3 | 90·7 | 73·9 | ... | | ... | | 0·856 | 75 | ... | E by S | 47 | ... | Do. |
| 9 | 29·788 | 0·145 | 83·1 | 78·1 | 91·7 | 76·6 | ... | | ... | | 0·895 | 76 | ... | E S E | 53 | ... | Do. |
| 10 | 29·796 | 0·141 | 84·1 | 78·4 | 91·6 | 74·9 | ... | | ... | | 0·896 | 76 | ... | S E | 67 | ... | Do. |
| 11 | 29·786 | 0·141 | 84·4 | 78·9 | 90·6 | 76·5 | ... | | ... | | 0·915 | 77 | ... | S S E | 40 | ... | Do. |
| 12 | 29·758 | 0·148 | 83·9 | 77·6 | 91·5 | 74·8 | ... | | ... | | 0·863 | 74 | ... | S S W | 20 | ... | Fine. |
| 13 | 29·765 | 0·147 | 84·9 | 78·9 | 93·5 | 76·4 | ... | | ... | | 0·908 | 76 | ... | S S W | 37 | ... | Cloudy. |
| 14 | 29·728 | 0·121 | 84·9 | 78·9 | 91·6 | 76·4 | ... | | ... | | 0·908 | 76 | ... | S S W | 27 | ... | Hazy. |
| 15 | 29·774 | 0·128 | 85·3 | 79·3 | 91·8 | 77·4 | ... | | ... | | 0·921 | 76 | ... | S S W | 10 | ... | Fine. |
| 16 | 29·804 | 0·136 | 84·7 | 79·1 | 92·8 | 76·7 | ... | | ... | | 0·920 | 77 | ... | SW by S | 17 | ... | Do. |
| 17 | 29·793 | 0·144 | 84·7 | 79·2 | 91·6 | 76·6 | ... | | ... | | 0·925 | 77 | ... | S by W | 10 | ... | Do. |
| 18 | 29·803 | 0·160 | 84·1 | 78·1 | 92·0 | 74·6 | ... | | ... | | 0·882 | 75 | ... | South | 17 | ... | Do. |
| 19 | 29·832 | 0·137 | 84·5 | 77·7 | 91·4 | 75·0 | ... | | ... | | 0·859 | 73 | ... | S by E | 17 | ... | Do. |
| 20 | 29·841 | 0·144 | 84·2 | 77·8 | 91·6 | 75·3 | ... | | ... | | 0·867 | 74 | ... | South | 10 | ... | Do. |
| 21 | 29·802 | 0·170 | 84·4 | 78·4 | 92·5 | 74·5 | ... | | ... | | 0·892 | 74 | ... | South | 7 | ... | Do. |
| 22 | 29·761 | 0·104 | 86·6 | 80·7 | 94·6 | 78·4 | ... | | ... | | 0·962 | 76 | ... | S W | 17 | ... | Hazy. |
| 23 | 29·726 | 0·121 | 86·8 | 80·2 | 95·3 | 78·6 | ... | | ... | | 0·943 | 74 | ... | SW by S | 13 | ... | Fine. |
| 24 | 29·753 | 0·083 | 85·0 | 80·4 | 92·2 | 77·8 | ... | | ... | | 0·977 | 81 | ... | S by W | 10 | ... | Light haze. |
| 25 | 29·829 | 0·095 | 85·4 | 79·3 | 92·7 | 77·9 | ... | | ... | | 0·920 | 76 | ... | South | 17 | ... | Fine. |
| 26 | 29·840 | 0·120 | 84·8 | 78·6 | 92·6 | 75·5 | ... | | ... | | 0·895 | 75 | ... | S S E | 7 | ... | Clear. |
| 27 | 29·810 | 0·147 | 85·4 | 78·3 | 93·5 | 75·2 | ... | | ... | | 0·875 | 72 | ... | South | 10 | ... | Fine. |
| 28 | 29·723 | 0·160 | 87·1 | 79·9 | 99·2 | 77·1 | ... | | ... | | 0·925 | 72 | ... | S S W | 17 | ... | Do. |
| 29 | 29·698 | 0·139 | 87·7 | 78·8 | 100·3 | 77·2 | ... | | ... | | 0·865 | 66 | ... | S S W | 13 | ... | Do. |
| 30 | 29·732 | 0·104 | 88·0 | 79·3 | 100·1 | 78·8 | ... | | ... | | 0·884 | 65 | ... | SW by S | 3 | ... | Clear. |
| Mean | 29·791 | 0·134 | 84·3 | 78·2 | 92·4 | 75·4 | ... | | ... | | 0·884 | 75 | ... | South | 21 | ... | |

# Madras Meteorological Observations. 1861—May.

| May 1861. | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·789 | 0·122 | 86·9 | 80·3 | 94·3 | 79·0 | .. | ... | 0·946 | 74 | ... | S S W | 13 | ... | Fine. |
| 2 | 29·801 | 0·164 | 84·3 | 79·9 | 92·6 | 77·9 | .. | ... | 0·962 | 81 | ... | S S W | 27 | ... | Fine with passing clouds. |
| 3 | 29·755 | 0·124 | 86·3 | 80·1 | 95·4 | 77·2 | ... | ... | 0·944 | 75 | ... | S S W | 3 | ... | Clear. |
| 4 | 29·698 | 0·153 | 87·8 | 80·1 | 99·6 | 79·0 | ... | ... | 0·924 | 70 | ... | S S W | 10 | ... | Fine. |
| 5 | 29·672 | 0·051 | 87·5 | 80·2 | 95·3 | 78·9 | ... | ... | 0·934 | 71 | ... | S W | 20 | ... | Do. |
| 6 | 29·721 | 0·152 | 88·6 | 80·5 | 101·2 | 78·5 | ... | ... | 0·933 | 69 | ... | S W by S | 23 | ... | Fine with passing clouds. |
| 7 | 29·699 | 0·143 | 88·1 | 80·5 | 99·0 | 78·5 | ... | ... | 0·940 | 71 | ... | S W by S | 17 | ... | Hazy. |
| 8 | 29·683 | 0·133 | 89·7 | 79·8 | 101·1 | 79·3 | ... | ... | 0·884 | 63 | ... | W S W | 10 | ... | Fine. |
| 9 | 29·687 | 0·128 | 89·1 | 78·9 | 101·4 | 79·3 | ... | ... | 0·851 | 62 | ... | S W by W | 7 | ... | Do. |
| 10 | 29·714 | 0·119 | 89·2 | 79·5 | 101·3 | 81·7 | ... | ... | 0·877 | 64 | ... | S W | 20 | ... | Hazy. |
| 11 | 29·722 | 0·101 | 89·2 | 79·4 | 103·1 | 81·3 | ... | 78·7 | 0·873 | 63 | ... | S W | 13 | ... | Fine. |
| 12 | 29·662 | 0·151 | 89·6 | 78·3 | 106·9 | 82·2 | ... | 79·3 | 0·817 | 58 | ... | S W by S | 0 | ... | Clear. |
| 13 | 29·650 | 0·157 | 88·2 | 77·2 | 97·6 | 81·7 | ... | 80·7 | 0·786 | 59 | ... | S by E | 67 | ... | Cloudy. |
| 14 | 29·669 | 0·109 | 87·2 | 79·0 | 96·8 | 80·9 | ... | 79·2 | 0·881 | 68 | ... | S E by S | 67 | ... | Do. |
| 15 | 29·681 | 0·121 | 88·1 | 77·9 | 96·2 | 80·7 | ... | 79·0 | 0·819 | 62 | ... | S S E | 57 | ... | Do. |
| 16 | 29·717 | 0·094 | 88·0 | 79·3 | 94·9 | 81·7 | ... | 79·9 | 0·885 | 61 | ... | S S W | 57 | ... | Do. |
| 17 | 29·723 | 0·136 | 86·0 | 79·4 | 93·5 | 81·5 | ... | 80·2 | 0·916 | 74 | ... | S by E | 57 | ... | Do. |
| 18 | 29·691 | 0·146 | 86·9 | 80·0 | 93·0 | 80·9 | ... | 79·7 | 0·932 | 72 | ... | S S W | 7 | ... | Fine. |
| 19 | 29·676 | 0·141 | 82·8 | 77·4 | 94·8 | 79·5 | ... | 77·7 | 0·868 | 77 | ... | S W | 53 | 1·20 | Cloudy. |
| 20 | 29·631 | 0·152 | 86·1 | 76·7 | 98·4 | 78·0 | ... | 76·9 | 0·793 | 63 | ... | West | 57 | ... | Do. |
| 21 | 29·614 | 0·118 | 87·4 | 76·6 | 98·4 | 81·4 | ... | 78·2 | 0·771 | 59 | ... | W by N | 40 | ... | Hazy. |
| 22 | 29·605 | 0·123 | 89·2 | 76·4 | 98·5 | 83·6 | ... | 79·3 | 0·738 | 53 | ... | N W by N | 57 | ... | Fine with passing clouds. |
| 23 | 29·599 | 0·146 | 89·3 | 76·3 | 102·2 | 83·7 | ... | 79·7 | 0·732 | 53 | ... | N W by N | 37 | ... | Do. |
| 24 | 29·606 | 0·106 | 88·8 | 77·5 | 97·6 | 84·4 | ... | 80·9 | 0·791 | 58 | ... | West | 67 | ... | Cloudy. |
| 25 | 29·628 | 0·136 | 88·9 | 78·3 | 98·1 | 82·2 | ... | 79·5 | 0·827 | 61 | ... | N W | 77 | ... | Do. |
| 26 | 29·637 | 0·119 | 89·1 | 78·8 | 96·3 | 82·2 | ... | 80·1 | 0·847 | 62 | ... | N N W | 57 | ... | Do. |
| 27 | 29·654 | 0·084 | 89·8 | 79·9 | 98·3 | 84·2 | ... | 80·9 | 0·888 | 63 | ... | N W by N | 50 | ... | Fine with passing clouds. |
| 28 | 29·670 | 0·101 | 87·4 | 80·6 | 93·0 | 83·2 | ... | 79·7 | 0·953 | 73 | ... | W N W | 33 | ... | Do. |
| 29 | 29·671 | 0·093 | 83·1 | 78·1 | 88·3 | 80·6 | ... | 78·9 | 0·896 | 79 | ... | N W | 80 | 0·08 | Cloudy. |
| 30 | 29·643 | 0·107 | 85·2 | 78·0 | 92·4 | 78·5 | ... | 75·6 | 0·863 | 71 | ... | N N E | 67 | ... | Cloudy—Th. and lg. |
| 31 | 29·643 | 0·133 | 85·5 | 78·1 | 97·3 | 78·7 | ... | 75·7 | 0·869 | 70 | ... | W N W | 67 | ... | Cloudy. |
| Mean | 29·678 | 0·125 | 87·5 | 78·8 | 97·3 | 80·7 | ... | 79·0 | 0·868 | 66 | ... | S W by W | 39 | 1·28 | |

# Madras Meteorological Observations. 1861—June.

| June 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·632 | 0·144 | 87·0 | 77·2 | 97·3 | 81·7 | ... | 79·2 | 0·804 | 62 | ... | S W | 97 | ... | Overcast. |
| 2 | 29·688 | 0·092 | 86·9 | 78·1 | 93·6 | 81·3 | ... | 79·7 | 0·847 | 66 | ... | West | 93 | ... | Do. |
| 3 | 29·701 | 0·105 | 89·4 | 78·0 | 100·1 | 81·1 | ... | 77·3 | 0·806 | 58 | ... | W S W | 83 | 0·12 | Do. : lg. S. |
| 4 | 29·734 | 0·112 | 88·9 | 76·8 | 98·0 | 81·2 | ... | 78·2 | 0·764 | 56 | ... | West | 50 | ... | Cloudy. |
| 5 | 29·741 | 0·152 | 89·0 | 76·4 | 98·6 | 83·2 | ... | 81·0 | 0·741 | 54 | ... | West | 90 | 0·02 | Overcast. |
| 6 | 29·719 | 0·122 | 88·9 | 77·8 | 98·3 | 82·7 | ... | 79·6 | 0·804 | 59 | ... | S W | 63 | ... | Cloudy. |
| 7 | 29·718 | 0·140 | 88·5 | 76·9 | 98·5 | 83·5 | ... | 80·2 | 0·770 | 58 | ... | S S W | 27 | ... | Hazy. |
| 8 | 29·735 | 0·114 | 88·9 | 77·6 | 97·6 | 82·7 | ... | 80·5 | 0·795 | 58 | ... | West | 77 | ... | Cloudy. |
| 9 | 29·732 | 0·103 | 88·2 | 76·9 | 102·0 | 81·9 | ... | 79·2 | 0·773 | 58 | ... | W N W | 43 | ... | Do. |
| 10 | 29·743 | 0·121 | 87·3 | 76·9 | 99·9 | 81·9 | ... | 79·2 | 0·785 | 60 | ... | S W by W | 73 | ... | Do. : lg. N. W. |
| 11 | 29·735 | 0·106 | 87·1 | 77·9 | 98·4 | 80·7 | ... | 78·2 | 0·833 | 65 | ... | W S W | 77 | ... | Cloudy. |
| 12 | 29·749 | 0·111 | 87·6 | 78·8 | 100·7 | 80·9 | ... | 78·7 | 0·867 | 67 | ... | W S W | 43 | ... | Fine with passing clouds. |
| 13 | 29·737 | 0·113 | 87·9 | 77·1 | 100·9 | 80·8 | ... | 77·6 | 0·784 | 59 | ... | W S W | 37 | ... | Do. |
| 14 | 29·722 | 0·099 | 87·8 | 76·8 | 99·8 | 80·9 | ... | 77·7 | 0·774 | 59 | ... | West | 23 | ... | Do. |
| 15 | 29·667 | 0·128 | 87·6 | 76·1 | 98·9 | 81·0 | ... | 78·0 | 0·747 | 57 | ... | W N W | 60 | ... | Do. |
| 16 | 29·671 | 0·136 | 86·7 | 76·2 | 101·4 | 79·2 | ... | 77·3 | 0·763 | 60 | ... | N W | 50 | ... | Do. |
| 17 | 29·693 | 0·116 | 87·7 | 77·3 | 99·2 | 82·2 | ... | 79·2 | 0·797 | 60 | ... | N W by W | 60 | ... | Do. |
| 18 | 29·728 | 0·109 | 87·4 | 77·3 | 99·4 | 81·6 | ... | 79·6 | 0·802 | 62 | ... | W S W | 60 | ... | Do. |
| 19 | 29·750 | 0·106 | 88·6 | 77·6 | 97·2 | 82·7 | ... | 81·4 | 0·799 | 59 | ... | West | 67 | ... | Cloudy. |
| 20 | 29·743 | 0·121 | 86·5 | 78·1 | 94·3 | 81·2 | ... | 79·2 | 0·842 | 65 | ... | South | 77 | ... | Do. |
| 21 | 29·692 | 0·160 | 88·2 | 79·1 | 99·6 | 80·7 | ... | 79·3 | 0·873 | 66 | ... | S W by W | 50 | ... | Fine with passing clouds. |
| 22 | 29·697 | 0·109 | 87·6 | 79·5 | 95·5 | 81·7 | ... | 79·4 | 0·900 | 69 | ... | S W | 60 | ... | Cloudy : th. and lg. W. |
| 23 | 29·730 | 0·051 | 84·8 | 77·1 | 92·4 | 81·7 | ... | 79·2 | 0·828 | 69 | ... | S W by W | 73 | ... | Cloudy. |
| 24 | 29·744 | 0·114 | 86·2 | 77·5 | 93·5 | 79·0 | ... | 77·5 | 0·827 | 66 | ... | S W | 60 | ... | Do. |
| 25 | 29·739 | 0·122 | 84·3 | 77·0 | 95·7 | 77·7 | ... | 75·7 | 0·830 | 71 | ... | W S W | 53 | 0·21 | Do : th. and lg. |
| 26 | 29·704 | 0·152 | 83·4 | 76·0 | 95·3 | 76·4 | ... | 75·3 | 0·799 | 69 | ... | N W by W | 83 | 0·30 | Do. |
| 27 | 29·672 | 0·105 | 81·7 | 74·8 | 88·2 | 75·9 | ... | 75·1 | 0·770 | 71 | ... | West | 100 | ... | Overcast. |
| 28 | 29·698 | 0·096 | 84·9 | 76·3 | 92·3 | 77·7 | ... | 75·9 | 0·792 | 66 | ... | W by S | 87 | 0·01 | Cloudy. |
| 29 | 29·734 | 0·096 | 84·6 | 75·8 | 93·4 | 77·9 | ... | 76·4 | 0·774 | 65 | ... | West | 97 | ... | Overcast. |
| 30 | 29·711 | 0·126 | 86·3 | 76·1 | 94·6 | 79·9 | ... | 79·2 | 0·764 | 61 | ... | West | 100 | ... | Do. |
| Mean | 29·715 | 0·116 | 87·0 | 77·2 | 97·2 | 80·7 | ... | 78·5 | 0·803 | 62 | ... | W by S | 67 | 0·66 | |

# Madras Meteorological Observations. 1861—July.

| July 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·725 | 0·130 | 88·9 | 74·6 | 95·7 | 82·2 | ... | 80·4 | 0·665 | 49 | .. | West | 77 | ... | Cloudy. |
| 2 | 29·735 | 0·149 | 88·8 | 76·0 | 98·6 | 83·6 | ... | 80·7 | 0·726 | 53 | ... | W by S | 67 | ... | Do. |
| 3 | 29·717 | 0·138 | 87·4 | 77·1 | 100·5 | 81·7 | ... | 79·7 | 0·791 | 61 | ... | W S W | 50 | ... | Hazy. |
| 4 | 29·720 | 0·121 | 87·8 | 78·3 | 97·5 | 81·7 | ... | 78·6 | 0·835 | 64 | ... | S W | 57 | 0·07 | Cloudy : th. and lg. E. and N. E. |
| 5 | 29·735 | 0·129 | 88·0 | 79·3 | 99·1 | 81·0 | ... | 77·9 | 0·885 | 65 | ... | S W | 50 | 0·03 | Hazy : lg. S. |
| 6 | 29·721 | 0·128 | 85·9 | 78·4 | 100·2 | 80·0 | ... | 78·2 | 0·872 | 70 | ... | W by S | 73 | 1·14 | Cloudy : lg. |
| 7 | 29·711 | 0·128 | 83·2 | 77·6 | 91·3 | 75·9 | ... | 73·2 | 0·873 | 77 | ... | West | 70 | 0·86 | Cloudy. |
| 8 | 29·690 | 0·112 | 82·4 | 76·4 | 88·7 | 74·7 | ... | 71·6 | 0·830 | 75 | ... | W S W | 90 | ... | Do. |
| 9 | 29·677 | 0·099 | 83·6 | 76·1 | 91·5 | 76·9 | ... | 74·7 | 0·801 | 70 | ... | S W by W | 80 | ... | Cloudy. |
| 10 | 29·649 | 0·143 | 84·1 | 76·5 | 93·6 | 76·7 | ... | 75·5 | 0·812 | 70 | ... | West | 97 | ... | Overcast. |
| 11 | 26·630 | 0·096 | 83·6 | 76·1 | 88·6 | 79·7 | ... | 76·2 | 0·801 | 69 | ... | West | 100 | ... | Do. |
| 12 | 29·648 | 0·090 | 83·0 | 75·7 | 86·6 | 78·9 | ... | 76·4 | 0·791 | 70 | ... | W S W | 100 | ... | Do. |
| 13 | 29·652 | 0·113 | 83·6 | 74·6 | 91·4 | 79·4 | ... | 77·7 | 0·737 | 63 | ... | W by N | 100 | 0·02 | Do. |
| 14 | 29·691 | 0·126 | 84·4 | 74·1 | 92·0 | 77·5 | ... | 74·9 | 0·705 | 59 | ... | W by N | 100 | ... | Do. |
| 15 | 29·737 | 0·121 | 84·5 | 75·1 | 92·6 | 79·7 | ... | 77·7 | 0·745 | 62 | ... | W N W | 100 | 0·07 | Do. : lg. |
| 16 | 29·718 | 0·127 | 84·5 | 75·9 | 92·8 | 78·9 | ... | 76·4 | 0·780 | 66 | ... | W N W | 93 | ... | Cloudy. |
| 17 | 29·681 | 0·124 | 85·9 | 75·6 | 92·6 | 80·7 | ... | 78·0 | 0·748 | 60 | ... | West | 100 | ... | Overcast. |
| 18 | 29·692 | 0·127 | 86·6 | 75·3 | 94·6 | 79·9 | ... | 77·8 | 0·726 | 58 | ... | W S W | 87 | 0·02 | Cloudy : lg. |
| 19 | 29·729 | 0·140 | 85·6 | 75·7 | 95·3 | 79·9 | ... | 76·2 | 0·757 | 61 | ... | W by S | 93 | ... | Cloudy. |
| 20 | 29·756 | 0·142 | 86·7 | 78·0 | 97·4 | 79·7 | ... | 76·4 | 0·840 | 66 | ... | W S W | 73 | 0·01 | Cloudy : lg. |
| 21 | 29·736 | 0·119 | 86·8 | 77·3 | 95·3 | 79·7 | ... | 76·2 | 0·810 | 63 | ... | S W | 77 | ... | Do. |
| 22 | 29·726 | 0·120 | 85·7 | 75·6 | 89·7 | 80·5 | ... | 78·2 | 0·751 | 61 | ... | W by S | 97 | ... | Overcast. |
| 23 | 29·724 | 0·141 | 88·1 | 76·9 | 94·6 | 82·2 | ... | 80·4 | 0·775 | 58 | ... | W N W | 87 | ... | Cloudy. |
| 24 | 29·766 | 0·117 | 86·8 | 76·7 | 97·5 | 80·7 | ... | 79·6 | 0·784 | 62 | ... | West | 83 | 0·03 | Do. |
| 25 | 29·786 | 0·142 | 85·0 | 75·8 | 96·1 | 79·2 | ... | 75·5 | 0·767 | 64 | ... | S W | 50 | ... | Fine with passing clouds. |
| 26 | 29·782 | 0·113 | 86·5 | 77·4 | 95·5 | 79·5 | ... | 76·8 | 0·815 | 65 | ... | S S W | 47 | ... | Do. |
| 27 | 29·783 | 0·090 | 83·0 | 76·4 | 92·5 | 78·7 | ... | 77·2 | 0·822 | 73 | ... | S W | 43 | ... | Do. |
| 28 | 29·773 | 0·112 | 86·3 | 78·3 | 93·2 | 79·9 | ... | 78·7 | 0·862 | 68 | ... | South | 20 | ... | Do. : lg. N. W. |
| 29 | 29·789 | 0·119 | 86·0 | 76·6 | 95·5 | 79·6 | ... | 75·4 | 0·790 | 63 | ... | S W | 47 | ... | Do. : lg. W. |
| 30 | 29·742 | 0·125 | 86·3 | 77·9 | 93·4 | 77·5 | ... | 74·9 | 0·843 | 67 | ... | S W by W | 47 | ... | Do. : lg. W. |
| 31 | 29·714 | 0·103 | 86·2 | 77·1 | 95·7 | 80·7 | ... | 78·2 | 0·809 | 65 | ... | S W | 49 | 0·93 | Do. |
| Mean | 2·720 | 0·121 | 85·7 | 76·5 | 94·2 | 79·6 | ... | 77·1 | 0·792 | 64 | ... | W S W | 74 | 3·18 | |

# Madras Meteorological Observations. 1861—August.

| August 1861. | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·723 | 0·107 | 84·6 | 77·2 | 91·7 | 76·9 | ... | 74·1 | 0·831 | 70 | ... | S S W | 63 | 0·42 | Cloudy. |
| 2 | 29·766 | 0·124 | 81·0 | 76·6 | 89·6 | 74·9 | ... | 73·7 | 0·857 | 81 | ... | N W by N | 90 | 0·35 | Do. : lg. W. |
| 3 | 29·741 | 0·130 | 79·8 | 76·1 | 85·7 | 74·5 | ... | 73·2 | 0·852 | 84 | ... | West | 77 | ... | Do. |
| 4 | 29·743 | 0·117 | 82·6 | 77·8 | 92·3 | 75·7 | ... | 74·2 | 0·889 | 80 | ... | S W by W | 37 | ... | Do. : lg. S. W. |
| 5 | 29·747 | 0·117 | 83·7 | 77·9 | 92·7 | 76·5 | ... | 75·2 | 0·879 | 76 | ... | S S W | 17 | ... | Fine. |
| 6 | 29·753 | 0·130 | 84·7 | 78·7 | 90·9 | 79·3 | ... | 76·7 | 0·901 | 76 | ... | South | 33 | ... | Fine with passing clouds. |
| 7 | 29·749 | 0·101 | 84·7 | 79·2 | 89·6 | 78·9 | ... | 76·2 | 0·935 | 77 | ... | South | 23 | 0·10 | Do. |
| 8 | 29·734 | 0·106 | 83·2 | 78·2 | 93·2 | 76·9 | ... | 76·2 | 0·899 | 79 | ... | W S W | 57 | 2·32 | Do. : th. and lg. |
| 9 | 29·724 | 0·116 | 82·2 | 78·4 | 89·4 | 75·2 | ... | 72·2 | 0·922 | 84 | ... | West | 77 | 0·56 | Cloudy. |
| 10 | 29·753 | 0·087 | 78·6 | 76·8 | 84·4 | 73·7 | ... | 72·1 | 0·899 | 92 | ... | W S W | 97 | 0·03 | Overcast. |
| 11 | 29·774 | 0·109 | 79·2 | 77·0 | 83·9 | 75·7 | ... | 74·2 | 0·899 | 90 | ... | W S W | 93 | ... | Overcast : lg. W. |
| 12 | 29·772 | 0·121 | 80·3 | 77·3 | 86·3 | 76·3 | ... | 74·7 | 0·898 | 87 | ... | W S W | 97 | 0·02 | Overcast. |
| 13 | 29·728 | 0·120 | 82·3 | 78·6 | 90·9 | 75·7 | ... | 73·7 | 0·928 | 84 | ... | W by S | 87 | 0·01 | Cloudy : lg. S. W. |
| 14 | 29·691 | 0·111 | 81·3 | 78·2 | 90·8 | 75·7 | ... | 75·2 | 0·925 | 87 | ... | W by N | 97 | 0·23 | Overcast . lg. S. E. |
| 15 | 29·709 | 0·084 | 79·5 | 77·4 | 88·2 | 75·7 | ... | 74·2 | 0·913 | 91 | ... | W N W | 97 | 0·29 | Overcast : lg S. E. |
| 16 | 29·718 | 0·095 | 82·7 | 79·1 | 91·5 | 76·1 | ... | 73·4 | 0·947 | 85 | ... | W S W | 80 | ... | Cloudy. |
| 17 | 29·725 | 0·141 | 83·6 | 78·5 | 93·1 | 77·2 | ... | 74·2 | 0·913 | 79 | ... | W S W | 93 | ... | Cloudy : lg. E. |
| 18 | 29·684 | 0·138 | 82·9 | 78·4 | 90·7 | 77·8 | ... | 74·7 | 0·912 | 81 | ... | W N W | 87 | 0·31 | Do. |
| 19 | 29·661 | 0·129 | 84·4 | 78·4 | 92·2 | 77·4 | ... | 74·7 | 0·892 | 75 | ... | West | 70 | ... | Do. |
| 20 | 29·710 | 0·120 | 85·1 | 79·1 | 93·4 | 77·7 | ... | 74·4 | 0·914 | 76 | ... | W S W | 77 | ... | Do. |
| 21 | 29·752 | 0·141 | 83·7 | 78·0 | 94·9 | 77·5 | ... | 75·2 | 0·883 | 79 | ... | W S W | 83 | 1·56 | Do. : lg. |
| 22 | 29·806 | 0·114 | 81·3 | 75·5 | 89·5 | 76·5 | ... | 74·2 | 0·806 | 76 | ... | W by S | 100 | 0·34 | Overcast. |
| 23 | 29·797 | 0·120 | 83·0 | 76·4 | 92·6 | 76·2 | ... | 74·3 | 0·823 | 73 | ... | W N W | 77 | 0·12 | Cloudy. |
| 24 | 29·783 | 0·143 | 82·9 | 75·7 | 90·3 | 76·7 | ... | 73·9 | 0·792 | 70 | ... | W by S | 80 | ... | Do. |
| 25 | 29·808 | 0·095 | 82·1 | 76·0 | 88·6 | 77·7 | ... | 76·7 | 0·817 | 75 | ... | West | 100 | ... | Overcast. |
| 26 | 29·792 | 0·134 | 84·0 | 77·3 | 94·4 | 77·7 | ... | 76·7 | 0·847 | 73 | ... | S W | 67 | 0·31 | Cloudy. |
| 27 | 29·783 | 0·144 | 83·4 | 76·6 | 91·5 | 78·4 | ... | 74·5 | 0·856 | 72 | ... | W S W | 83 | ... | Do. |
| 28 | 29·753 | 0·150 | 83·4 | 76·2 | 92·6 | 79·5 | ... | 76·6 | 0·808 | 70 | ... | W S W | 83 | 0·20 | Do. |
| 29 | 29·741 | 0·118 | 82·7 | 75·9 | 91·2 | 77·2 | ... | 76·2 | 0·804 | 72 | ... | West | 93 | 0·71 | Cloudy : lg. E. |
| 30 | 29·749 | 0·124 | 83·3 | 76·1 | 90·6 | 77·5 | ... | 75·6 | 0·805 | 70 | ... | W by S | 83 | ... | Cloudy. |
| 31 | 29·741 | 0·150 | 83·4 | 76·4 | 89·6 | 77·9 | ... | 75·7 | 0·816 | 71 | ... | West | 70 | ... | Do. |
| Mean | 29·745 | 0·121 | 82·6 | 77·4 | 90·5 | 76·8 | ... | 74·7 | 0·873 | 78 | ... | W S W | 76 | 7·88 | |

# Madras Meteorological Observations. 1861—September.

| September 1861 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·706 | 0·142 | 84·9 | 76·6 | 92·5 | 78·7 | ... | 76·2 | 0·804 | 67 | 266 | W by N | 47 | ... | Fine with passing clouds. |
| 2 | 29·701 | 0·124 | 86·0 | 76·4 | 93·6 | 79·9 | ... | 73·9 | 0·782 | 63 | 210 | West | 60 | ... | Hazy. |
| 3 | 29·727 | 0·134 | 83·2 | 76·1 | 95·5 | 79·9 | ... | 73·2 | 0·806 | 71 | 206 | West | 50 | ... | Do. : lg. S. E. |
| 4 | 29·715 | 0·146 | 83·4 | 76·9 | 95·4 | 78·7 | ... | 74·2 | 0·838 | 73 | 195 | S W by W | 70 | 0·01 | Cloudy. |
| 5 | 29·739 | 0·112 | 84·2 | 76·2 | 94·6 | 78·7 | ... | 74·7 | 0·797 | 68 | 184 | W by S | 70 | ... | Do. |
| 6 | 29·759 | 0·114 | 84·2 | 77·0 | 94·9 | 78·7 | ... | 73·2 | 0·832 | 71 | 202 | West | 27 | ... | Fine with passing clouds. |
| 7 | 29·753 | 0·119 | 84·6 | 77·3 | 92·3 | 78·7 | ... | 75·2 | 0·840 | 71 | 188 | S S W | 47 | ... | Hazy. |
| 8 | 29·760 | 0·134 | 84·9 | 76·8 | 92·6 | 79·0 | ... | 76·2 | 0·814 | 68 | 166 | S S W | 20 | ... | Fine. |
| 9 | 29·747 | 0·125 | 85·2 | 77·5 | 92·9 | 77·7 | ... | 74·8 | 0·840 | 69 | 161 | S S W | 27 | ... | Hazy. |
| 10 | 29·743 | 0·134 | 84·8 | 77·3 | 91·4 | 78·7 | ... | 75·2 | 0·837 | 70 | 134 | S W. | 23 | ... | Do. |
| 11 | 29·773 | 0·113 | 85·2 | 78·3 | 91·6 | 79·0 | ... | 76·2 | 0·877 | 72 | 134 | S S W | 33 | ... | Do. |
| 12 | 29·811 | 0·114 | 85·1 | 78·2 | 93·8 | 79·5 | ... | 76·8 | 0·873 | 72 | 154 | S W | 63 | ... | Cloudy : th. |
| 13 | 29·813 | 0·156 | 84·3 | 78·5 | 94·7 | 77·7 | ... | 76·7 | 0·898 | 76 | 157 | W by S | 77 | 0·33 | Do : lg. N. W. |
| 14 | 29·810 | 0·138 | 79·3 | 76·2 | 90·8 | 74·7 | ... | 72·7 | 0·863 | 87 | 132 | N W. | 50 | 0·38 | Mg. cloudy, aftn. clear. |
| 15 | 29·767 | 0·145 | 79·1 | 76·3 | 86·6 | 73·9 | ... | 73·2 | 0·870 | 88 | 115 | N W by N | 80 | 1·79 | Cloudy : th. and lg. |
| 16 | 29·749 | 0·138 | 80·3 | 77·5 | 85·6 | 74·7 | ... | 73·2 | 0·907 | 88 | 131 | N W. | 93 | 1·22 | Cloudy with rain. |
| 17 | 29·755 | 0·118 | 83·1 | 79·2 | 90·0 | 77·3 | ... | 75·7 | 0·946 | 83 | 83 | W S W | 93 | 0·05 | Cloudy. |
| 18 | 29·812 | 0·082 | 79·9 | 77·1 | 90·6 | 76·7 | ... | 74·4 | 0·894 | 88 | 133 | W by S | 80 | 1·91 | Cloudy with rain. |
| 19 | 29·799 | 0·130 | 79·7 | 76·9 | 89·2 | 74·5 | ... | 74·2 | 0·888 | 88 | 100 | West | 77 | 1·29 | Cloudy : th. and lg. |
| 20 | 29·759 | 0·137 | 80·4 | 77·2 | 88·8 | 73·9 | ... | 73·2 | 0·891 | 86 | 144 | S W | 67 | 0·77 | Do. do. |
| 21 | 29·749 | 0·149 | 82·5 | 77·3 | 88·8 | 75·2 | ... | 74·0 | 0·868 | 78 | 142 | W N W | 57 | 0·29 | Do. do. |
| 22 | 29·801 | 0·187 | 80·0 | 76·7 | 85·1 | 77·6 | ... | 75·2 | 0·876 | 86 | 145 | S W. | 70 | 0·10 | Cloudy. |
| 23 | 29·802 | 0·107 | 77·4 | 76·1 | 85·5 | 75·7 | ... | 75·2 | 0·885 | 94 | 44 | W S W | 70 | 0·12 | Do. |
| 24 | 29·792 | 0·124 | 79·0 | 75·5 | 88·9 | 75·2 | ... | 73·7 | 0·837 | 85 | 105 | West | 63 | 0·71 | Do. with rain. |
| 25 | 29·789 | 0·111 | 79·8 | 76·0 | 87·8 | 75·4 | ... | 74·4 | 0·848 | 83 | 97 | West | 100 | 0·20 | Overcast. |
| 26 | 29·816 | 0·071 | 76·8 | 73·8 | 85·1 | 74·5 | ... | 73·2 | 0·795 | 86 | 104 | West | 100 | 0·08 | Do. |
| 27 | 29·807 | 0·114 | 79·6 | 76·0 | 85·6 | 74·7 | ... | 73·7 | 0·851 | 84 | 75 | W S W | 63 | ... | Fine with passing clouds. |
| 28 | 29·756 | 0·151 | 82·1 | 77·0 | 85·7 | 75·7 | ... | 74·5 | 0·861 | 79 | 132 | W N W | 53 | ... | Do. |
| 29 | 29·720 | 0·145 | 82·5 | 77·2 | 88·1 | 76·7 | ... | 75·2 | 0·864 | 78 | 143 | W by S | 90 | ... | Cloudy. |
| 30 | 29·718 | 0·135 | 84·0 | 77·0 | 91·2 | 77·3 | ... | 76·7 | 0·834 | 72 | 156 | West | 73 | ... | Do. |
| Mean | 29·765 | 0·129 | 82·2 | 76·9 | 90·3 | 76·9 | ... | 74·6 | 0·854 | 78 | 145 | W by S | 63 | 9·25 | |

# Madras Meteorological Observations. 1861—October.

| October 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·728 | 0·146 | 84·7 | 75·8 | 91·7 | 79·1 | ... | 77·0 | 0·772 | 64 | 173 | W S W | 53 | ... | Hazy. |
| 2 | 29·750 | 0·137 | 84·3 | 76·5 | 92·4 | 79·6 | ... | 77·2 | 0·809 | 69 | 164 | W by S | 63 | ... | Cloudy. |
| 3 | 29·794 | 0·128 | 84·6 | 77·7 | 94·4 | 78·5 | ... | 76·2 | 0·857 | 72 | 157 | SW by W | 37 | 0·02 | Fine with passing clouds. |
| 4 | 29·779 | 0·149 | 84·5 | 78·0 | 92·6 | 77·2 | ... | 74·7 | 0·872 | 74 | 132 | ... | 27 | ... | Do. |
| 5 | 29·761 | 0·135 | 85·1 | 76·6 | 94·1 | 76·7 | ... | 73·8 | 0·802 | 66 | 123 | W S W | 53 | ... | Hazy. |
| 6 | 29·779 | 0·139 | 83·7 | 76·3 | 92·6 | 77·7 | ... | 74·6 | 0·808 | 69 | 114 | South | 33 | ... | Fine with passing clouds. |
| 7 | 29·798 | 0·124 | 83·9 | 76·4 | 90·8 | 77·7 | ... | 74·2 | 0·810 | 69 | 106 | S by W | 30 | ... | Do. |
| 8 | 29·837 | 0·152 | 83·4 | 76·5 | 91·4 | 76·7 | ... | 74·7 | 0·820 | 72 | 105 | S by W | 17 | ... | Fine. |
| 9 | 29·805 | 0·151 | 83·9 | 75·4 | 92·6 | 77·1 | ... | 73·2 | 0·767 | 65 | 99 | S S E | 30 | ... | Hazy. |
| 10 | 29·895 | 0·126 | 83·4 | 75·1 | 91·8 | 77·5 | ... | 73·1 | 0·761 | 66 | 79 | S E | 50 | ... | Fine with passing clouds. |
| 11 | 29·839 | 0·114 | 83·0 | 74·7 | 91·6 | 75·8 | ... | 72·9 | 0·752 | 66 | 96 | S by E | 23 | ... | Fine. |
| 12 | 29·862 | 0·129 | 82·7 | 76·6 | 91·1 | 74·8 | ... | 70·1 | 0·835 | 75 | 79 | South | 13 | ... | Do. |
| 13 | 28·865 | 0·141 | 84·3 | 77·7 | 92·5 | 77·2 | ... | 71·1 | 0·862 | 74 | 96 | S S E | 57 | ... | Fine with passing clouds. |
| 14 | 29·879 | 0·144 | 84·1 | 77·7 | 99·1 | 79·1 | ... | 72·7 | 0·869 | 74 | 107 | S S W | 33 | ... | Do. |
| 15 | 29·855 | 0·139 | 82·9 | 77·6 | 91·5 | 78·5 | ... | 74·7 | 0·877 | 78 | 123 | S by W | 50 | ... | Hazy. |
| 16 | 29·850 | 0·131 | 83·2 | 76·9 | 92·6 | 77·2 | ... | 73·7 | 0·841 | 74 | 104 | S S W | 30 | 0·01 | Do. |
| 17 | 29·841 | 0·126 | 83·8 | 76·2 | 93·4 | 77·7 | ... | 74·8 | 0·803 | 69 | 107 | S S E | 40 | ... | Do. |
| 18 | 29·885 | 0·114 | 83·2 | 75·7 | 90·8 | 76·7 | ... | 72·8 | 0·789 | 69 | 98 | S S E | 20 | ... | Fine. |
| 19 | 29·879 | 0·132 | 82·7 | 72·6 | 91·5 | 75·5 | ... | 70·7 | 0·667 | 60 | 145 | N by E | 40 | ... | Fine with passing clouds. |
| 20 | 29·847 | 0·132 | 78·0 | 73·4 | 81·3 | 74·2 | ... | 71·7 | 0·763 | 80 | 119 | N N W | 87 | 0·58 | Cloudy with rain. |
| 21 | 29·873 | 0·086 | 81·3 | 76·2 | 86·8 | 74·7 | ... | 72·4 | 0·836 | 78 | 119 | South | 53 | ... | Fine with passing clouds. |
| 22 | 29·919 | 0·124 | 81·1 | 76·2 | 85·7 | 75·4 | ... | 73·9 | 0·838 | 78 | 90 | E N E | 67 | 0·58 | Cloudy with rain. |
| 23 | 29·823 | 0·122 | 80·1 | 75·7 | 85·4 | 75·2 | ... | 73·7 | 0·830 | 80 | 90 | N E | 63 | 0·04 | Cloudy. |
| 24 | 29·905 | 0·124 | 81·1 | 75·0 | 86·1 | 75·7 | ... | 73·2 | 0·788 | 74 | 95 | NE by N | 53 | ... | Fine with passing clouds. |
| 25 | 29·892 | 0·124 | 79·8 | 76·5 | 85·8 | 75·5 | ... | 73·4 | 0·867 | 81 | 85 | N N E | 70 | 0·30 | Cloudy. |
| 26 | 29·896 | 0·103 | 81·1 | 76·0 | 85·9 | 75·2 | ... | 73·1 | 0·830 | 78 | 130 | N N E | 43 | 0·01 | Fine with passing clouds. |
| 27 | 29·880 | 0·106 | 79·4 | 74·9 | 85·3 | 74·7 | ... | 71·2 | 0·806 | 80 | 108 | N N E | 40 | ... | Do. |
| 28 | 29·868 | 0·104 | 80·3 | 75·2 | 86·7 | 75·2 | ... | 72·2 | 0·807 | 78 | 100 | N N E | 47 | ... | Do. |
| 29 | 29·878 | 0·097 | 80·8 | 74·5 | 85·9 | 75·9 | ... | 73·7 | 0·771 | 73 | 148 | North | 37 | ... | Fine. |
| 30 | 29·873 | 0·124 | 79·8 | 73·5 | 86·4 | 73·9 | ... | 70·4 | 0·742 | 73 | 154 | N N E | 47 | ... | Fine with passing clouds. |
| 31 | 29·848 | 0·144 | 80·1 | 73·4 | 86·1 | 73·7 | ... | 70·7 | 0·734 | 71 | 159 | N N E | 40 | ... | Do.: lg. E and S. |
| Mean | 29·845 | 0·127 | 82·3 | 75·8 | 89·6 | 76·4 | ... | 73·3 | 0·806 | 73 | 116 | S E by E | 43 | 1·54 | . |

# Madras Meteorological Observations. 1861—November.

| November 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·843 | 0·102 | 79·9 | 74·0 | 85·9 | 74·7 | ... | 72·7 | 0·761 | 74 | 171 | N N E | 73 | ... | Cloudy. |
| 2 | 29·863 | 0·087 | 76·4 | 74·7 | 83·0 | 73·5 | ... | 72·7 | 0·838 | 92 | 139 | North | 90 | 1·36 | Showery. |
| 3 | 29·874 | 0·112 | 77·2 | 74·4 | 86·2 | 73·3 | ... | 74·2 | 0·816 | 87 | 150 | N N E | 100 | 0·97 | Overcast with rain. |
| 4 | 29·803 | 0·118 | 75·3 | 73·6 | 80·6 | 73·9 | ... | 73·2 | 0·807 | 92 | 139 | N N E | 100 | 1·40 | Do. |
| 5 | 29·734 | 0·125 | 78·1 | 74·5 | 81·0 | 73·7 | ... | 71·7 | 0·807 | 84 | 192 | N by W | 100 | 0·18 | Overcast. |
| 6 | 29·653 | 0·106 | 70·8 | 69·4 | 74·7 | 69·9 | ... | 69·2 | 0·701 | 92 | 260 | N N W | 100 | 4·98 | Overcast with rain. |
| 7 | 29·673 | 0·082 | 72·8 | 71·6 | 81·0 | 69·5 | ... | 69·3 | 0·760 | 94 | 164 | W N W | 100 | 1·04 | Do. |
| 8 | 29·711 | 0·114 | 77·2 | 75·2 | 83·0 | 69·7 | ... | 68·7 | 0·849 | 91 | 162 | S W by S | 73 | 0·51 | Cloudy with rain. |
| 9 | 29·781 | 0·097 | 79·1 | 75·8 | 87·5 | 75·7 | ... | 74·4 | 0·848 | 86 | 139 | S S W | 87 | 0·46 | Do. |
| 10 | 29·803 | 0·113 | 78·2 | 75·8 | 87·4 | 75·3 | ... | 72·3 | 0·859 | 89 | 67 | S S E | 93 | 1·11 | Overcast with rain. |
| 11 | 29·794 | 0·145 | 78·3 | 75·6 | 85·7 | 74·1 | ... | 73·0 | 0·850 | 88 | 86 | South | 83 | 0·09 | Cloudy. |
| 12 | 29·794 | 0·136 | 78·4 | 75·6 | 84·0 | 72·9 | ... | 71·2 | 0·849 | 88 | 65 | ... | 57 | ... | Do. |
| 13 | 29·820 | 0·085 | 79·3 | 76·6 | 85·7 | 75·7 | ... | 73·7 | 0·880 | 88 | 54 | S E | 53 | 0·22 | Do. |
| 14 | 29·861 | 0·104 | 78·0 | 74·5 | 79·3 | 75·3 | ... | 74·5 | 0·808 | 84 | 84 | North | 73 | ... | Do. |
| 15 | 29·860 | 0·130 | 76·4 | 72·4 | 83·9 | 72·7 | ... | 70·2 | 0·743 | 82 | 57 | North | 57 | ... | Do. |
| 16 | 29·881 | 0·157 | 74·5 | 69·8 | 81·9 | 69·7 | ... | 66·5 | 0·666 | 78 | 81 | North | 43 | ... | Fine with passing clouds. |
| 17 | 29·928 | 0·109 | 74·1 | 68·9 | 81·8 | 68·0 | ... | 59·5 | 0·638 | 75 | 77 | North | 27 | ... | Fine. |
| 18 | 29·968 | 0·128 | 73·5 | 69·1 | 82·2 | 65·7 | ... | 61·4 | 0·654 | 79 | 61 | N by E | 23 | ... | Do. |
| 19 | 29·962 | 0·119 | 74·6 | 69·4 | 81·9 | 66·7 | ... | 61·8 | 0·650 | 75 | 89 | North | 20 | ... | Do. |
| 20 | 29·971 | 0·090 | 74·6 | 69·9 | 81·8 | 67·7 | ... | 64·2 | 0·669 | 78 | 119 | N by E | 33 | ... | Fine with passing clouds. |
| 21 | 29·994 | 0·098 | 75·4 | 69·1 | 80·8 | 68·2 | ... | 63·7 | 0·628 | 71 | 145 | N N E | 60 | ... | Cloudy. |
| 22 | 30·004 | 0·107 | 75·7 | 70·4 | 80·7 | 70·7 | ... | 64·9 | 0·674 | 76 | 130 | N N E | 70 | ... | Do. |
| 23 | 30·005 | 0·112 | 76·2 | 70·8 | 80·9 | 72·2 | ... | 70·1 | 0·682 | 75 | 187 | North | 13 | ... | Fine. |
| 24 | 29·997 | 0·125 | 74·8 | 70·5 | 80·7 | 68·7 | ... | 67·0 | 0·690 | 80 | 150 | N by E | 39 | ... | Hazy. |
| 25 | 29·998 | 0·105 | 76·1 | 72·4 | 83·0 | 70·1 | ... | 67·2 | 0·747 | 83 | 173 | North | 39 | ... | Do. |
| 26 | 30·013 | 0·119 | 76·3 | 73·1 | 79·7 | 72·9 | ... | 70·3 | 0·772 | 85 | 172 | N N E | 47 | ... | Fine with passing clouds. |
| 27 | 30·024 | 0·102 | 75·4 | 71·1 | 80·8 | 69·7 | ... | 68·2 | 0·705 | 80 | 181 | N N E | 33 | ... | Do. |
| 28 | 29·992 | 0·145 | 74·0 | 69·2 | 79·9 | 69·7 | ... | 65·7 | 0·651 | 77 | 154 | N N E | 3 | ... | Clear. |
| 29 | 30·000 | 0·119 | 71·8 | 68·1 | 79·2 | 64·9 | ... | 63·2 | 0·639 | 82 | 148 | N by E | 43 | ... | Fine with passing clouds. |
| 30 | 30·007 | 0·090 | 73·5 | 70·3 | 80·3 | 65·5 | ... | 64·2 | 0·700 | 85 | 161 | N N E | 50 | ... | Do. |
| Mean | 29·887 | 0·110 | 75·9 | 72·2 | 82·1 | 71·0 | ... | 68·6 | 0·745 | 83 | 132 | N E by N | 59 | 12·32 | |

# Madras Meteorological Observations. 1861—December.

| December 1861 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Reduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·018 | 0·105 | 75·6 | 73·3 | 81·1 | 70·7 | ... | 69·7 | 0·790 | 89 | 181 | N N E | 73 | ... | Cloudy. |
| 2 | 30·011 | 0·130 | 75·7 | 72·0 | 80·7 | 73·5 | ... | 72·2 | 0·736 | 83 | 194 | N E by N | 90 | ... | Do. |
| 3 | 29·990 | 0·120 | 74·0 | 72·0 | 79·9 | 70·2 | ... | 69·4 | 0·759 | 90 | 162 | North | 23 | ... | Fine with passing clouds. |
| 4 | 29·989 | 0·106 | 73·4 | 70·9 | 80·1 | 67·7 | ... | 67·0 | 0·724 | 88 | 139 | North | 20 | ... | Fine. |
| 5 | 29·984 | 0·097 | 75·1 | 73·2 | 82·0 | 68·7 | ... | 66·7 | 0·793 | 90 | 130 | N by E | 17 | ... | Do. |
| 6 | 30·017 | 0·117 | 77·0 | 74·9 | 82·8 | 72·1 | ... | 69·2 | 0·839 | 91 | 151 | N E by N | 43 | ... | Fine with passing clouds. |
| 7 | 29·999 | 0·102 | 76·5 | 75·0 | 82·2 | 71·5 | ... | 70·2 | 0·849 | 93 | 165 | N E by E | 27 | ... | Do. |
| 8 | 29·991 | 0·128 | 75·8 | 74·9 | 82·7 | 70·2 | ... | 66·7 | 0·855 | 96 | 110 | N E | 77 | 0·04 | Cloudy. |
| 9 | 30·008 | 0·111 | 75·4 | 73·1 | 82·1 | 71·5 | ... | 67·7 | 0·785 | 89 | 133 | N E by E | 30 | ... | Fine with passing clouds. |
| 10 | 29·994 | 0·140 | 73·6 | 71·5 | 82·9 | 67·7 | ... | 63·2 | 0·745 | 90 | 90 | N E by N | 33 | ... | Do. |
| 11 | 29·945 | 0·142 | 73·3 | 71·2 | 82·8 | 67·1 | ... | 62·2 | 0·739 | 90 | 83 | N E | 23 | ... | Fine. |
| 12 | 29·917 | 0·131 | 73·1 | 71·4 | 80·8 | 66·5 | ... | 60·9 | 0·747 | 92 | 66 | N E | 13 | ... | Clear. |
| 13 | 29·932 | 0·120 | 73·6 | 71·7 | 81·3 | 66·9 | ... | 62·2 | 0·752 | 91 | 82 | E N E | 40 | ... | Hazy. |
| 14 | 29·955 | 0·139 | 74·8 | 72·7 | 82·3 | 68·5 | ... | 64·2 | 0·777 | 90 | 89 | N E | 20 | ... | Fine. |
| 15 | 29·943 | 0·141 | 75·7 | 74·0 | 83·4 | 68·9 | ... | 65·0 | 0·818 | 92 | 112 | N N E | 13 | ... | Do. |
| 16 | 29·928 | 0·119 | 75·4 | 73·0 | 82·1 | 69·9 | ... | 65·5 | 0·781 | 88 | 90 | E N E | 23 | ... | Fine with passing clouds. |
| 17 | 29·919 | 0·129 | 75·5 | 73·4 | 81·8 | 68·7 | ... | 64·0 | 0·796 | 90 | 138 | N E by N | 10 | ... | Clear. |
| 18 | 29·954 | 0·094 | 75·5 | 72·6 | 82·7 | 68·7 | ... | 63·7 | 0·763 | 86 | 124 | N E by N | 30 | ... | Fine with passing clouds. |
| 19 | 29·964 | 0·120 | 75·5 | 71·0 | 81·9 | 69·7 | ... | 65·4 | 0·700 | 79 | 138 | N E | 80 | ... | Cloudy. |
| 20 | 29·969 | 0·114 | 74·4 | 67·9 | 81·4 | 68·2 | ... | 64·4 | 0·597 | 70 | 129 | N E | 43 | ... | Fine with passing clouds. |
| 21 | 30·012 | 0·092 | 74·9 | 68·3 | 81·1 | 67·4 | ... | 63·2 | 0·605 | 70 | 180 | N E | 70 | ... | Cloudy. |
| 22 | 29·997 | 0·118 | 74·7 | 68·3 | 81·2 | 69·9 | ... | 66·2 | 0·607 | 70 | 132 | N N E | 57 | ... | Fine with passing clouds. |
| 23 | 30·000 | 0·112 | 73·9 | 66·7 | 82·1 | 66·9 | ... | 63·2 | 0·559 | 67 | 129 | N by E | 23 | ... | Hazy. |
| 24 | 29·991 | 0·108 | 75·1 | 66·6 | 80·7 | 68·6 | ... | 65·3 | 0·540 | 62 | 164 | N N E | 60 | ... | Do. |
| 25 | 30·003 | 0·125 | 75·1 | 66·8 | 80·7 | 70·7 | ... | 67·2 | 0·547 | 63 | 142 | N N E | 33 | ... | Fine with passing clouds. |
| 26 | 30·015 | 0·130 | 73·6 | 66·4 | 81·4 | 65·7 | ... | 61·2 | 0·553 | 66 | 131 | N N E | 43 | ... | Do. |
| 27 | 30·043 | 0·127 | 73·2 | 66·8 | 80·4 | 65·3 | ... | 64·7 | 0·573 | 70 | 113 | N N E | 53 | ... | Do. |
| 28 | 29·998 | 0·135 | 73·0 | 66·4 | 80·4 | 68·2 | ... | 64·4 | 0·562 | 69 | 94 | N N E | 43 | ... | Do. |
| 29 | 29·978 | 0·117 | 75·0 | 66·4 | 80·2 | 64·7 | ... | 59·2 | 0·535 | 73 | 100 | N E by N | 30 | ... | Do. |
| 30 | 30·002 | 0·132 | 74·9 | 67·3 | 80·9 | 71·1 | ... | 61·4 | 0·569 | 66 | 162 | N E | 43 | ... | Do. |
| 31 | 29·977 | 0·111 | 75·0 | 66·6 | 81·1 | 68·7 | ... | 64·4 | 0·543 | 62 | 204 | N N E | 57 | ... | Cloudy. |
| Mean | 29·982 | 0·120 | 74·6 | 70·5 | 81·5 | 68·8 | ... | 65·2 | 0·695 | 81 | 131 | N E by N | 40 | 0·04 | |

## Madras Mean Monthly and Annual Meteorological Results in 1861.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·966 | 0·123 | 75·6 | 81·6 | 69·3 | 12·3 | 70·2 | 67·2 | 0·669 | 75 | ... | ... | ... | 8 | East | ... | ... | ... |
| February | 29·952 | 0·129 | 75·2 | 83·2 | 66·8 | 16·4 | 70·0 | 65·1 | 0·668 | 76 | ... | ... | ... | 10 | E S E | ... | ... | ... |
| March | 29·898 | 0·130 | 80·2 | 87·7 | 72·4 | 15·3 | 75·0 | 71·1 | 0·800 | 77 | ... | ... | ... | 15 | S by E | 1·04 | 4 | ... |
| April | 29·791 | 0·134 | 84·3 | 92 4 | 75·4 | 17 0 | 78·2 | 74·5 | 0·884 | 75 | ... | ... | ... | 16 | South | ... | ... | 79 |
| May | 29 678 | 0·125 | 87·5 | 97·3 | 80·7 | 16·6 | 78·8 | 76·1 | 0 868 | 66 | ... | ... | ... | 21 | S W by W | 1·28 | 2 | 61 |
| June | 29·715 | 0·116 | 87·0 | 97 2 | 80·7 | 16·5 | 77·2 | 74 4 | 0·803 | 62 | ... | 78·5 | ... | 23 | W by S | 0·66 | 5 | 33 |
| July | 29·720 | 0·121 | 85·7 | 94·2 | 79·6 | 14·6 | 76·5 | 73·9 | 0·792 | 64 | ... | 77·1 | ... | 22 | W S W | 3·18 | 10 | 26 |
| August | 29·745 | 0·121 | 82·6 | 90·5 | 76·8 | 13·7 | 77·4 | 73·4 | 0·873 | 78 | ... | 74·7 | ... | 22 | W S W | 7·88 | 17 | 24 |
| September | 29·765 | 0·129 | 82·2 | 90·3 | 76·9 | 13·4 | 76·9 | 73 9 | 0·854 | 78 | ... | 74·6 | 145 | 23 | W by S | 9·25 | 15 | 37 |
| October | 29·845 | 0·127 | 82·3 | 89·6 | 76·4 | 13·2 | 75·8 | 72·5 | 0·806 | 73 | ... | 73·3 | 116 | 11 | S E by E | 1·54 | 7 | 57 |
| November | 29·887 | 0·110 | 75·9 | 82·1 | 71·0 | 11·1 | 72·2 | 68·7 | 0·745 | 83 | ... | 68·6 | 132 | 3 | N E by N | 12·32 | 11 | 41 |
| December | 29·982 | 0·120 | 74·6 | 81·5 | 68·8 | 12·7 | 70·5 | 66·1 | 0·695 | 81 | .. | 65·2 | 131 | 3 | N E by N | 0·04 | 1 | 60 |
| Annual | 29·829 | 0·124 | 81·1 | 89·0 | 74·6 | 14·4 | 74·9 | 71·4 | 0·788 | 74 | ... | ... | ... | 15 | S by E | 37·19 | 72 | ... |

## Madras Extreme Monthly Meteorological Records in 1861.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·115 | 1 | 29·822 | 29 | 0·293 | 84·6 | 29 | 65·2 | 5 | 63·6 | 5 | 58 | 29 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| February | 30·105 | 19 | 29·796 | 5 | 0·309 | 86·1 | 7 | 62·2 | 16 | 61·0 | 16 | 50 | 7 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| March | 30·059 | 2 | 29·728 | 18 | 0·331 | 93·8 | 22 | 66·9 | 4 | 65·0 | 4 | 61 | 8 | ... | ... | ... | ... | ... | ... | ... | ... | 0·73 | 20 |
| April | 29·941 | 3 | 29·622 | 29 | 0·319 | 100·3 | 29 | 68·7 | 3 | 67·1 | 3 | 44 | 29 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| May | 29·880 | 2 | 29·527 | 23 | 0·353 | 106·9 | 12 | 77·2 | 3 | 70·9 | 21 | 37 | 22 | ... | ... | ... | ... | ... | ... | ... | ... | 1·20 | 19 |
| June | 29·815 | 5 | 29·549 | 1 | 0·266 | 102·0 | 9 | 75·9 | 27 | 72·3 | 17 | 36 | 3 | ... | ... | 75·1 | 27 | ... | ... | ... | ... | 0·30 | 26 |
| July | 29·845 | 25 | 29·572 | 10 | 0·273 | 100·5 | 3 | 74·7 | 8 | 71·2 | 13 | 39 | 2 | ... | ... | 71·6 | 8 | ... | ... | ... | ... | 1·14 | 6 |
| August | 29·853 | 27 | 29·590 | 19 | 0·263 | 94·9 | 21 | 73·7 | 10 | 71·3 | 3 | 58 | 21 | ... | ... | 72·1 | 10 | ... | ... | ... | ... | 2·32 | 8 |
| September | 29·880 | 13 | 29·630 | 2 | 0·250 | 95·5 | 3 | 73·9 | 15 | 72·1 | 26 | 48 | 2 | ... | ... | 72·7 | 14 | 266 | 1 | 75 | 27 | 1·91 | 18 |
| October | 29·982 | 23 | 29·650 | 1 | 0·332 | 94·4 | 3 | 73·7 | 31 | 69·6 | 20 | 44 | 19 | ... | ... | 70·1 | 12 | 173 | 1 | 79 | 12 | 0·58 | 20 |
| November | 30·072 | 26 | 29·616 | 6 | 0·456 | 87·5 | 9 | 64·9 | 29 | 62·6 | 17 | 49 | 16 | ... | ... | 59·5 | 17 | 260 | 6 | 54 | 13 | 4·98 | 6 |
| December | 30·103 | 27 | 29·859 | 17 | 0·244 | 83·4 | 15 | 64·7 | 29 | 62·9 | 29 | 53 | 23 | ... | ... | 59·2 | 29 | 204 | 31 | 66 | 12 | 0·04 | 8 |

# Madras Meteorological Observations. 1862—January.

| January 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·949 | 0·121 | 74·2 | 67·9 | 79·6 | 68·7 | ... | 65·5 | 0·690 | 71 | 235 | North | 97 | ... | Overcast. |
| 2 | 29·949 | 0·147 | 73·9 | 68·2 | 81·2 | 71·2 | ... | 69·5 | 0·615 | 73 | 237 | North | 30 | ... | Fine. |
| 3 | 29·959 | 0·116 | 72·6 | 70·1 | 77·3 | 68·7 | ... | 67·0 | 0·704 | 88 | 260 | North | 100 | 0·02 | Overcast. |
| 4 | 29·987 | 0·113 | 76·1 | 73·1 | 79·9 | 71·9 | ... | 72·0 | 0·776 | 86 | 220 | N E | 60 | 0·05 | Cloudy |
| 5 | 29·969 | 0·123 | 77·3 | 73·9 | 82·5 | 72·7 | ... | 72·2 | 0·793 | 84 | 114 | East | 37 | ... | Hazy. |
| 6 | 29·975 | 0·125 | 76·4 | 72·8 | 82·4 | 70·7 | ... | 69·0 | 0·760 | 84 | 112 | E S E | 47 | 0·02 | Fine with passing clouds. |
| 7 | 29·987 | 0·127 | 77·3 | 73·1 | 83·0 | 71·7 | ... | 69·0 | 0·760 | 81 | 95 | E S E | 80 | ... | Cloudy. |
| 8 | 29·934 | 0·114 | 78·0 | 73·7 | 83·9 | 73·7 | ... | 71·2 | 0·735 | 81 | 136 | S E | 37 | 0·05 | Fine with passing clouds. |
| 9 | 29·911 | 0·147 | 77·2 | 73·3 | 83·9 | 71·2 | ... | 63·8 | 0·768 | 82 | 126 | South | 53 | 0·07 | Do. |
| 10 | 29·939 | 0·125 | 77·4 | 74·0 | 83·5 | 72·8 | ... | 70·6 | 0·795 | 84 | 119 | S by E | 67 | 0·17 | Cloudy. |
| 11 | 29·976 | 0·126 | 77·9 | 73·6 | 82·7 | 74·2 | ... | 70·5 | 0·745 | 81 | 125 | S E | 77 | ... | Do. |
| 12 | 29·977 | 0·145 | 75·5 | 71·8 | 82·4 | 70·1 | ... | 66·8 | 0·731 | 81 | 107 | E S E | 53 | ... | Fine with passing clouds. |
| 13 | 29·961 | 0·127 | 76·1 | 71·0 | 82·4 | 70·2 | ... | 66·4 | 0·692 | 77 | 106 | S E | 17 | ... | Fine. |
| 14 | 29·999 | 0·126 | 75·3 | 70·2 | 81·9 | 67·7 | ... | 62·9 | 0·672 | 77 | 98 | E S E | 10 | ... | Clear. |
| 15 | 30·022 | 0·118 | 76·6 | 71·2 | 82·2 | 70·7 | ... | 67·3 | 0·692 | 75 | 115 | E by S | 23 | ... | Fine. |
| 16 | 30·025 | 0·134 | 75·1 | 69·3 | 80·8 | 67·6 | ... | 64·0 | 0·649 | 73 | 102 | East | 27 | ... | Do. |
| 17 | 30·015 | 0·126 | 74·8 | 68·3 | 81·2 | 67·4 | ... | 63·1 | 0·579 | 70 | 115 | East | 27 | ... | Do. |
| 18 | 30·037 | 0·131 | 75·1 | 68·6 | 81·5 | 67·2 | ... | 63·7 | 0·613 | 71 | 119 | E N E | 27 | ... | Do. |
| 19 | 30·033 | 0·123 | 75·4 | 68·9 | 81·0 | 67·2 | ... | 63·0 | 0·621 | 71 | 118 | E N E | 37 | ... | Fine with passing clouds. |
| 20 | 30·026 | 0·084 | 76·5 | 69·9 | 81·7 | 71·9 | ... | 68·0 | 0·644 | 71 | 185 | E N E | 53 | 0·11 | Cloudy. |
| 21 | 30·008 | 0·127 | 74·1 | 67·6 | 80·3 | 69·3 | ... | 65·9 | 0·590 | 70 | 149 | NE by N | 40 | ... | Fine with passing clouds. |
| 22 | 30·027 | 0·126 | 75·0 | 66·9 | 80·7 | 69·7 | ... | 64·9 | 0·553 | 64 | 139 | N E | 40 | ... | Do. |
| 23 | 30·006 | 0·084 | 75·7 | 68·1 | 81·4 | 70·2 | ... | 66·2 | 0·587 | 66 | 200 | NE by E | 43 | ... | Do. |
| 24 | 29·992 | 0·118 | 75·3 | 68·1 | 80·4 | 68·7 | ... | 67·4 | 0·592 | 67 | 203 | N E | 33 | ... | Do. |
| 25 | 29·994 | 0·113 | 74·5 | 67·4 | 80·9 | 68·7 | ... | 64·0 | 0·577 | 68 | 175 | N E | 33 | ... | Do. |
| 26 | 29·939 | 0·157 | 73·4 | 67·3 | 81·2 | 66·5 | ... | 63·5 | 0·589 | 72 | 125 | N E | 63 | ... | Cloudy. |
| 27 | 29·864 | 0·150 | 72·1 | 68·3 | 80·7 | 64·6 | ... | 60·3 | 0·629 | 82 | 83 | N E | 63 | ... | Do. |
| 28 | 29·876 | 0·106 | 74·5 | 70·0 | 81·7 | 66·7 | ... | 63·1 | 0·674 | 79 | 99 | E N E | 50 | ... | Do. |
| 29 | 29·939 | 0·120 | 75·2 | 69·5 | 81·8 | 68·3 | ... | 65·2 | 0·647 | 74 | 104 | E N E | 27 | ... | Fine with passing clouds. |
| 30 | 29·952 | 0·112 | 75·2 | 68·8 | 82·3 | 67·7 | ... | 64·0 | 0·619 | 71 | 109 | N E | 53 | ... | Cloudy. |
| 31 | 29·936 | 0·115 | 74·3 | 68·4 | 81·5 | 68·9 | ... | 65·5 | 0·616 | 72 | 125 | N E | 53 | ... | Do. |
| Mean | 29·973 | 0·123 | 75·4 | 70·1 | 81·5 | 69·6 | ... | 66·5 | 0·665 | 76 | 141 | E by N | 47 | 0·49 | |

# Madras Meteorological Observations. 1862—February.

| February 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·916 | 0·126 | 74·5 | 68·0 | 81·6 | 67·2 | ... | 63·3 | 0·599 | 70 | 120 | NE by E | 30 | ... | Fine with passing clouds. |
| 2 | 29·924 | 0·114 | 73·9 | 68·4 | 81·3 | 65·7 | ... | 63·5 | 0·622 | 74 | 133 | N E | 33 | ... | Do. |
| 3 | 29·912 | 0·117 | 75·8 | 69·6 | 82·9 | 69·4 | ... | 66·0 | 0·643 | 72 | 118 | N E | 37 | ... | Do. |
| 4 | 29·902 | 0·110 | 74·6 | 70·0 | 82·0 | 67·5 | ... | 63·9 | 0·673 | 79 | 107 | E by N | 43 | ... | Do. |
| 5 | 29·943 | 0·090 | 75·4 | 69·7 | 82·1 | 66·4 | ... | 62·8 | 0·652 | 74 | 89 | E N E | 23 | ... | Fine. |
| 6 | 29·987 | 0·106 | 75·7 | 69·5 | 83·1 | 67·2 | ... | 63·6 | 0·639 | 72 | 144 | E N E | 23 | ... | Do. |
| 7 | 29·991 | 0·116 | 74·7 | 68·4 | 82·3 | 66·7 | ... | 62·8 | 0·612 | 71 | 138 | N E. | 73 | ... | Cloudy. |
| 8 | 30·009 | 0·102 | 74·8 | 66·6 | 81·7 | 68·3 | ... | 63·8 | 0·545 | 63 | 181 | E N E | 57 | ... | Do. |
| 9 | 30·042 | 0·108 | 74·4 | 66·1 | 81·0 | 66·5 | ... | 63·5 | 0·531 | 62 | 155 | NE by E | 57 | ... | Do. |
| 10 | 30·020 | 0·106 | 75·6 | 67·6 | 82·0 | 69·5 | ... | 65·0 | 0·570 | 64 | 177 | E N E | 47 | ... | Fine with passing clouds. |
| 11 | 30·012 | 0·116 | 75·2 | 68·7 | 82·1 | 66·5 | ... | 62·8 | 0·616 | 71 | 181 | NE by E | 37 | ... | Do. |
| 12 | 30·042 | 0·117 | 78·4 | 72·2 | 83·3 | 75·1 | ... | 72·0 | 0·708 | 73 | 244 | NE by E | 87 | ... | Cloudy. |
| 13 | 30·023 | 0·122 | 78·1 | 72·1 | 81·0 | 76·8 | ... | 74·0 | 0·709 | 74 | 232 | N E. | 100 | ... | Overcast. |
| 14 | 29·999 | 0·130 | 78·8 | 72·7 | 84·0 | 75·9 | ... | 73·4 | 0·751 | 74 | 201 | NE by N | 73 | ... | Cloudy. |
| 15 | 99·961 | 0·122 | 77·7 | 71·0 | 83·6 | 72·0 | ... | 69·0 | 0·670 | 71 | 123 | N E | 47 | ... | Hazy. |
| 16 | 29·961 | 0·106 | 77·3 | 70·8 | 84·0 | 71·2 | ... | 69·4 | 0·664 | 71 | 171 | N E. | 43 | ... | Fine with passing clouds. |
| 17 | 29·946 | 0·106 | 76·9 | 70·3 | 83·5 | 70·1 | ... | 67·3 | 0·654 | 71 | 161 | N N E | 60 | ... | Cloudy. |
| 18 | 29·951 | 0·102 | 76·2 | 70·4 | 82·9 | 69·5 | ... | 67·1 | 0·667 | 74 | 148 | N N E | 27 | ... | Fine with passing clouds. |
| 19 | 29·970 | 0·116 | 75·5 | 69·7 | 82·8 | 66·7 | ... | 63·5 | 0·643 | 74 | 129 | N N E | 17 | ... | Fine. |
| 20 | 29·948 | 0·143 | 75·9 | 68·3 | 83·8 | 67·2 | ... | 62·4 | 0·592 | 66 | 111 | N E. | 20 | ... | Do. |
| 21 | 29·909 | 0·134 | 75·1 | 67·2 | 84·8 | 65·6 | ... | 61·2 | 0·562 | 64 | 98 | E by N | 0 | ... | Clear. |
| 22 | 29·913 | 0·121 | 74·8 | 68·3 | 84·5 | 65·6 | ... | 61·2 | 0·606 | 70 | 92 | S E. | 0 | ... | Do. |
| 23 | 29·917 | 0·117 | 74·6 | 68·4 | 84·0 | 64·9 | ... | 60·0 | 0·613 | 71 | 91 | E S E | 0 | ... | Do. |
| 24 | 29·931 | 0·116 | 74·5 | 69·2 | 84·2 | 65·9 | ... | 61·1 | 0·644 | 75 | 86 | E S E | 0 | ... | Do. |
| 25 | 29·931 | 0·122 | 75·6 | 69·6 | 83·7 | 66·9 | ... | 62·8 | 0·644 | 73 | 104 | E S E | 3 | ... | Do. |
| 26 | 29·872 | 0·154 | 73·7 | 67·3 | 83·3 | 65·9 | ... | 61·5 | 0·584 | 70 | 85 | E by S | 13 | ... | Fine. |
| 27 | 29·847 | 0·153 | 76·4 | 66·1 | 88·1 | 63·5 | ... | 58·3 | 0·505 | 55 | 114 | S E. | 17 | ... | Do. |
| 28 | 29·885 | 0·105 | 79·1 | 72·7 | 87·5 | 70·7 | ... | 67·0 | 0·718 | 72 | 152 | South | 17 | ... | Do. |
| Mean | 29·952 | 0·118 | 75·8 | 69·2 | 83·3 | 68·4 | ... | 64·7 | 0·630 | 70 | 139 | E N E | 35 | ... | |

# Madras Meteorological Observations. 1862—March.

| March 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 29·892 | 0·155 | 79·2 | 74·1 | 86·9 | 71·7 | ... | 67·0 | 0·776 | 78 | 167 | S by E | 13 | ... | Fine. |
| 2 | 29·885 | 0·132 | 79·9 | 73·6 | 87·9 | 73·9 | ... | 70·7 | 0·745 | 73 | 172 | South | 10 | ... | Do. |
| 3 | 29·909 | 0·120 | 80·6 | 74·1 | 88·6 | 73·6 | ... | 69·0 | 0·756 | 72 | 192 | South | 17 | ... | Light haze. |
| 4 | 29·969 | 0·095 | 79·1 | 72·6 | 86·4 | 72·0 | ... | 67·5 | 0·715 | 72 | 180 | S by E | 27 | ... | Fine. |
| 5 | 29·929 | 0·139 | 78·9 | 72·3 | 86·9 | 71·3 | ... | 66·7 | 0·706 | 72 | 168 | South | 0 | ... | Clear. |
| 6 | 29·935 | 0·106 | 78·5 | 71·6 | 86·1 | 71·3 | ... | 67·8 | 0·683 | 70 | 145 | South | 13 | ... | Fine. |
| 7 | 29·978 | 0·101 | 79·0 | 72·1 | 86·3 | 71·5 | ... | 67·2 | 0·696 | 70 | 123 | S by E | 17 | ... | Do. |
| 8 | 29·986 | 0·133 | 78·2 | 70·7 | 86·3 | 69·7 | ... | 65·2 | 0·652 | 68 | 109 | S E by S | 17 | ... | Do. |
| 9 | 29·947 | 0·130 | 78·4 | 70·9 | 86·1 | 69·9 | ... | 66·5 | 0·658 | 68 | 135 | E by N | 10 | ... | Do. |
| 10 | 29·893 | 0·129 | 79·9 | 74·0 | 87·0 | 72·0 | ... | 68·3 | 0·761 | 74 | 162 | E S E | 13 | ... | Do. |
| 11 | 29·887 | 0·133 | 81·4 | 75·5 | 89·1 | 73·9 | ... | 70·4 | 0·817 | 75 | 164 | South | 20 | ... | Do. |
| 12 | 29·940 | 0·126 | 80·9 | 75·1 | 88·7 | 74·2 | ... | 70·4 | 0·794 | 76 | 155 | S S E | 13 | ... | Do. |
| 13 | 29·967 | 0·116 | 80·7 | 74·2 | 88·1 | 73·3 | ... | 70·0 | 0·759 | 72 | 105 | S E | 40 | ... | Fine with passing clouds. |
| 14 | 29·996 | 0·133 | 80·5 | 73·9 | 88·2 | 74·2 | ... | 70·8 | 0·749 | 72 | 137 | E S E | 30 | ... | Do. |
| 15 | 30·008 | 0·122 | 79·3 | 71·2 | 86·7 | 71·7 | ... | 67·6 | 0·631 | 66 | 146 | E N E | 30 | ... | Do. |
| 16 | 29·980 | 0·125 | 78·2 | 70·7 | 87·0 | 71·7 | ... | 67·5 | 0·652 | 68 | 116 | N E by E | 17 | ... | Hazy. |
| 17 | 29·937 | 0·133 | 77·2 | 71·6 | 86·4 | 69·8 | ... | 65·2 | 0·701 | 75 | 106 | N E by E | 10 | ... | Fine. |
| 18 | 29·913 | 0·112 | 78·4 | 72·6 | 87·3 | 69·8 | ... | 64·8 | 0·724 | 75 | 97 | E N E | 40 | ... | Fine with passing clouds. |
| 19 | 29·938 | 0·110 | 79·7 | 73·0 | 87·1 | 72·5 | ... | 68·6 | 0·723 | 71 | 109 | E N E | 43 | ... | Do. |
| 20 | 29·907 | 0·134 | 78·8 | 72·1 | 87·9 | 71·4 | ... | 67·2 | 0·699 | 71 | 112 | E N E | 7 | ... | Clear. |
| 21 | 29·851 | 0·145 | 79·3 | 71·0 | 90·8 | 71·3 | ... | 67·5 | 0·649 | 65 | 78 | N N E | 0 | ... | Do. |
| 22 | 29·835 | 0·124 | 78·9 | 68·6 | 90·7 | 69·4 | ... | 63·3 | 0·562 | 57 | 106 | N N E | 23 | ... | Fine. |
| 23 | 29·835 | 0·124 | 78·4 | 68·9 | 90·9 | 66·1 | ... | 64·7 | 0·581 | 60 | 106 | North | 17 | ... | Do. |
| 24 | 29·856 | 0·136 | 80·3 | 71·5 | 89·8 | 68·7 | ... | 64·0 | 0·655 | 63 | 105 | North | 7 | ... | Clear. |
| 25 | 29·882 | 0·187 | 81·2 | 74·5 | 90·5 | 73·2 | ... | 69·4 | 0·766 | 72 | 138 | N N W | 27 | ... | Light haze. |
| 26 | 29·868 | 0·151 | 82·2 | 75·7 | 91·1 | 77·0 | ... | 74·8 | 0·802 | 73 | 193 | North | 33 | ... | Fine with passing clouds. |
| 27 | 29·850 | 0·134 | 82·1 | 75·5 | 89·4 | 75·7 | ... | 73·8 | 0·796 | 73 | 105 | N N E | 23 | ... | Do. |
| 28 | 29·884 | 0·118 | 82·8 | 77·3 | 89·6 | 78·3 | ... | 75·6 | 0·864 | 77 | 185 | South | 37 | ... | Do. |
| 29 | 29·917 | 0·125 | 81·8 | 76·7 | 89·2 | 77·7 | ... | 76·1 | 0·852 | 79 | 168 | S by E | 37 | 0·01 | Do. |
| 30 | 29·867 | 0·122 | 82·8 | 75·6 | 91·2 | 75·0 | ... | 71·0 | 0·789 | 70 | 180 | South | 7 | ... | Fine. |
| 31 | 29·886 | 0·123 | 84·8 | 76·4 | 91·7 | 77·3 | ... | 73·4 | 0·797 | 66 | 202 | S by E | 40 | ... | Fine with passing clouds. |
| Mean | 29·914 | 0·128 | 80·0 | 73·1 | 88·4 | 72·6 | ... | 68·8 | 0·726 | 71 | 141 | E S E | 21 | 0·01 | |

# Madras Meteorological Observations. 1862—April.

| April 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Reduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·887 | 0·170 | 83·1 | 76·4 | 90·2 | 76·9 | ... | 73·8 | 0·820 | 72 | 194 | S by E | 40 | ... | Fine with passing clouds. |
| 2 | 29·867 | 0·155 | 83·1 | 75·9 | 91·2 | 75·1 | ... | 71·0 | 0·798 | 70 | 180 | South | 37 | ... | Do. |
| 3 | 29·863 | 0·131 | 82·6 | 75·3 | 90·5 | 75·5 | ... | 71·4 | 0·780 | 70 | 167 | S by W | 0 | ... | Clear. |
| 4 | 29·887 | 0·134 | 81·4 | 75·1 | 89·6 | 73·0 | ... | 68·4 | 0·788 | 73 | 163 | South | 7 | ... | Do. |
| 5 | 29·919 | 0·114 | 80·4 | 73·1 | 88·7 | 72·5 | ... | 67·8 | 0·718 | 69 | 146 | S by E | 7 | ... | Do. |
| 6 | 29·924 | 0·124 | 80·0 | 72·9 | 88·5 | 70·6 | ... | 66·0 | 0·715 | 70 | 115 | S E by S | 3 | ... | Do. |
| 7 | 29·881 | 0·140 | 80·7 | 73·3 | 89·3 | 71·7 | ... | 66·7 | 0·721 | 69 | 130 | S by E | 0 | ... | Do. |
| 8 | 29·862 | 0·141 | 80·8 | 74·7 | 90·9 | 71·6 | ... | 67·0 | 0·779 | 74 | 142 | S by W | 60 | ... | Cloudy. |
| 9 | 29·870 | 0·143 | 81·7 | 74·2 | 90·2 | 72·8 | ... | 68·2 | 0·746 | 69 | 138 | South | 0 | ... | Clear. |
| 10 | 29·894 | 0·102 | 81·9 | 74·6 | 92·3 | 72·2 | ... | 67·4 | 0·760 | 70 | 150 | South | 0 | ... | Do. |
| 11 | 29·928 | 0·133 | 81·4 | 74·6 | 90·5 | 72·5 | ... | 68·1 | 0·766 | 72 | 115 | South | 7 | ... | Do. |
| 12 | 29·942 | 0·136 | 80·9 | 74·4 | 90·9 | 72·8 | ... | 69·2 | 0·765 | 72 | 117 | South | 13 | ... | Fine. |
| 13 | 29·956 | 0·141 | 81·9 | 75·0 | 91·6 | 72·2 | ... | 66·8 | 0·776 | 71 | 112 | S S E | 3 | ... | Clear. |
| 14 | 29·893 | 0·160 | 82·5 | 76·1 | 90·7 | 73·7 | ... | 69·4 | 0·815 | 73 | 141 | S by E | 0 | ... | Do. |
| 15 | 29·833 | 0·182 | 84·6 | 76·0 | 94·0 | 76·6 | ... | 71·9 | 0·783 | 66 | 188 | South | 27 | ... | Light haze. |
| 16 | 29·802 | 0·154 | 84·9 | 78·4 | 93·0 | 78·6 | ... | 75·9 | 0·885 | 74 | 221 | South | 7 | ... | Clear. |
| 17 | 29·804 | 0·144 | 85·5 | 79·2 | 93·6 | 79·6 | ... | 77·2 | 0·914 | 75 | 209 | South | 7 | ... | Do. |
| 18 | 29·790 | 0·137 | 85·3 | 80·2 | 92·3 | 79·8 | ... | 78·0 | 0·964 | 79 | 220 | South | 27 | ... | Light haze. |
| 19 | 29·778 | 0·122 | 85·6 | 81·2 | 92·7 | 80·8 | ... | 79·0 | 1·006 | 81 | 254 | S by E | 0 | ... | Clear. |
| 20 | 29·806 | 0·117 | 85·5 | 81·7 | 91·8 | 81·1 | ... | 79·2 | 1·023 | 84 | 247 | S by E | 27 | ... | Light haze. |
| 21 | 29·832 | 0·120 | 85·3 | 80·7 | 91·9 | 80·8 | ... | 79·0 | 0·987 | 81 | 225 | S S E | 30 | ... | Fine with passing clouds. |
| 22 | 29·861 | 0·104 | 83·7 | 76·8 | 91·5 | 79·3 | ... | 77·0 | 0·829 | 72 | 176 | S S E | 30 | ... | Hazy. |
| 23 | 29·857 | 0·151 | 83·3 | 75·6 | 91·7 | 75·1 | ... | 71·2 | 0·784 | 69 | 160 | S S E | 13 | ... | Fine. |
| 24 | 29·820 | 0·161 | 84·5 | 76·9 | 93·2 | 75·9 | ... | 72·6 | 0·824 | 70 | 176 | S by E | 13 | ... | Do. |
| 25 | 29·753 | 0·171 | 85·1 | 78·7 | 92·9 | 77·8 | ... | 74·7 | 0·895 | 74 | 193 | South | 10 | ... | Do. |
| 26 | 29·702 | 0·158 | 86·0 | 80·4 | 93·3 | 79·8 | ... | 78·0 | 0·963 | 78 | 237 | South | 7 | ... | Do. |
| 27 | 29·708 | 0·146 | 86·1 | 81·2 | 92·5 | 81·2 | ... | 79·0 | 1·000 | 80 | 243 | South | 13 | ... | Clear. |
| 28 | 29·738 | 0·114 | 86·0 | 82·3 | 93·8 | 81·3 | ... | 78·7 | 1·051 | 85 | 238 | South | 17 | ... | Fine. |
| 29 | 29·743 | 0·126 | 86·4 | 82·8 | 93·2 | 81·8 | ... | 79·8 | 1·082 | 86 | 250 | S S E | 27 | ... | Fine with passing clouds. |
| 30 | 29·723 | 0·152 | 86·6 | 83·7 | 92·5 | 81·8 | ... | 79·5 | 1·117 | 88 | 234 | S S E | 40 | ... | Hazy. |
| Mean | 29·838 | 0·139 | 83·6 | 77·4 | 91·6 | 76·5 | ... | 73·1 | 0·862 | 75 | 183 | S by E | 16 | ... | |

# Madras Meteorological Observations. 1862—May.

| May 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·773 | 0·124 | 85·8 | 82·3 | 93·0 | 80·8 | ... | 78·8 | 1·058 | 85 | 218 | S S E | 30 | ... | Hazy. |
| 2 | 29·762 | 0·128 | 85·8 | 79·5 | 93·0 | 80·5 | ... | 77·2 | 0·9.2 | 75 | 233 | S S E | 17 | ... | Fine. |
| 3 | 29·783 | 0·137 | 86·1 | 79·0 | 93·4 | 80·4 | ... | 78·0 | 0·900 | 72 | 231 | South | 43 | ... | Fine with passing clouds. |
| 4 | 29·826 | 0·141 | 86·1 | 78·5 | 93·5 | 80·6 | ... | 78·2 | 0·874 | 70 | 221 | S S E | 20 | ... | Hazy. |
| 5 | 29·866 | 0·134 | 86·1 | 78·1 | 94·5 | 80·7 | ... | 77·8 | 0·854 | 68 | 208 | S S E | 73 | ... | Cloudy. |
| 6 | 29·815 | 0·147 | 85·2 | 78·2 | 91·3 | 80·2 | ... | 78·0 | 0·872 | 72 | 191 | E S E | 70 | ... | Do. |
| 7 | 29·814 | 0·171 | 81·1 | 74·2 | 87·3 | 79·1 | ... | 77·0 | 0·754 | 71 | 160 | E N E | 77 | ... | Do. |
| 8 | 29·792 | 0·134 | 85·3 | 76·6 | 96·2 | 76·0 | ... | 72·4 | 0·799 | 65 | 160 | S E | 23 | ... | Fine with passing clouds. |
| 9 | 29·830 | 0·124 | 86·4 | 78·1 | 93·3 | 78·6 | ... | 75·5 | 0·844 | 67 | 124 | E S E | 57 | ... | Cloudy. |
| 10 | 29·818 | 0·116 | 84·9 | 77·7 | 93·5 | 78·6 | ... | 76·0 | 0·854 | 71 | 107 | E by S | 60 | ... | Do. |
| 11 | 29·767 | 0·160 | 86·0 | 77·3 | 94·5 | 78·6 | ... | 76·0 | 0·820 | 65 | 159 | S E | 17 | ... | Fine. |
| 12 | 29·711 | 0·174 | 87·8 | 79·7 | 97·2 | 80·6 | ... | 78·8 | 0·904 | 69 | 217 | S S E | 40 | ... | Fine with passing clouds. |
| 13 | 29·743 | 0·137 | 88·5 | 77·3 | 97·7 | 81·3 | ... | 77·5 | 0·787 | 61 | 212 | S S E | 37 | ... | Do. |
| 14 | 29·792 | 0·144 | 89·8 | 79·8 | 101·1 | 82·6 | ... | 79·8 | 0·883 | 63 | 268 | S by E | 60 | ... | Cloudy. |
| 15 | 29·796 | 0·153 | 89·5 | 79·0 | 100·3 | 82·7 | ... | 80·0 | 0·850 | 62 | 228 | S S E | 57 | ... | Do. |
| 16 | 29·753 | 0·133 | 88·9 | 77·6 | 106·8 | 83·3 | ... | 78·5 | 0·795 | 58 | 180 | South | 47 | ... | Do. |
| 17 | 29·721 | 0·144 | 88·5 | 78·4 | 106·1 | 81·6 | ... | 77·8 | 0·833 | 62 | 220 | S by W | 40 | ... | Hazy. |
| 18 | 29·751 | 0·107 | 90·5 | 79·1 | 103·4 | 82·3 | ... | 79·1 | 0·841 | 58 | 231 | S S E | 40 | ... | Fine with passing clouds. |
| 19 | 29·813 | 0·084 | 89·0 | 74·6 | 101·2 | 82·7 | ... | 80·3 | 0·665 | 48 | 198 | South | 37 | ... | Do. |
| 20 | 29·775 | 0·141 | 89·4 | 76·7 | 100·7 | 82·0 | ... | 78·5 | 0·758 | 54 | 222 | S S E | 7 | ... | Clear. |
| 21 | 29·724 | 0·143 | 89·5 | 78·4 | 102·0 | 83·4 | ... | 80·3 | 0·823 | 59 | 307 | S S E | 7 | ... | Do. |
| 22 | 29·746 | 0·122 | 89·2 | 77·8 | 99·1 | 82·6 | ... | 80·9 | 0·800 | 58 | 328 | S S E | 10 | ... | Fine. |
| 23 | 29·826 | 0·083 | 84·0 | 78·6 | 95·2 | 76·8 | ... | 71·6 | 0·907 | 76 | 199 | S by E | 27 | 0·60 | Fine with passing clouds. |
| 24 | 29·829 | 0·129 | 86·3 | 79·5 | 95·0 | 81·0 | ... | 79·2 | 0·917 | 73 | 273 | S by E | 20 | ... | Fine ; lg. S. W. |
| 25 | 29·806 | 0·147 | 87·3 | 79·3 | 97·4 | 80·8 | ... | 79·0 | 0·894 | 69 | 231 | S by E | 0 | ... | Clear. |
| 26 | 29·759 | 0·170 | 88·7 | 79·6 | 97·6 | 81·8 | ... | 79·8 | 0·890 | 66 | 236 | S S E | 13 | ... | Fine. |
| 27 | 29·745 | 0·147 | 89·3 | 78·7 | 97·5 | 81·8 | ... | 78·9 | 0·839 | 61 | 177 | S S E | 10 | ... | Clear. |
| 28 | 29·714 | 0·112 | 89·8 | 76·7 | 103·5 | 82·6 | ... | 79·8 | 0·743 | 53 | 182 | S by W | 49 | ... | Passing clouds: th. and lg. W. |
| 29 | 29·687 | 0·120 | 90·3 | 77·6 | 103·9 | 83·4 | ... | 80·3 | 0·776 | 55 | 228 | S S W | 53 | ... | Hazy : th. and lg. |
| 30 | 29·675 | 0·126 | 89·0 | 78·9 | 107·1 | 82·8 | ... | 78·5 | 0·853 | 63 | 202 | South | 93 | ... | Fine : th. and lg. W. and N. |
| 31 | 29·699 | 0·165 | 89·6 | 78·0 | 101·9 | 79·8 | ... | 76·0 | 0·804 | 58 | 249 | S S W | 80 | ... | Hazy. |
| Mean | 29·771 | 0·135 | 87·5 | 78·2 | 98·0 | 81·0 | ... | 78·0 | 0·842 | 65 | 213 | S S E | 39 | 0·60 | |

# Madras Meteorological Observations. 1862—June.

| June 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·753 | 0·099 | 79·2 | 75·8 | 93·5 | 73·8 | ... | 73·0 | 0·846 | 85 | 130 | S S W | 70 | 0·16 | Cloudy. |
| 2 | 29·734 | 0·133 | 86·2 | 79·4 | 96·4 | 78·1 | ... | 76·0 | 0·913 | 73 | 179 | South | 53 | ... | Do. |
| 3 | 29·752 | 0·112 | 86·9 | 79·6 | 94·7 | 80·6 | ... | 78·6 | 0·914 | 71 | 200 | S by E | 20 | ... | Fine. |
| 4 | 29·714 | 0·116 | 87·5 | 80·2 | 96·8 | 80·1 | ... | 78·2 | 0·934 | 71 | 215 | South | 30 | ... | Fine with passing clouds. |
| 5 | 29·668 | 0·135 | 88·4 | 79·2 | 101·1 | 81·6 | ... | 79·3 | 0·874 | 65 | 289 | South | 20 | ... | Fine. |
| 6 | 29·679 | 0·124 | 87·5 | 78·4 | 102·6 | 79·0 | ... | 76·8 | 0·850 | 65 | 225 | South | 40 | 0·26 | Mg. fine, evg. th. & lg. |
| 7 | 29·699 | 0·174 | 84·3 | 79·1 | 97·7 | 73·6 | ... | 73·0 | 0·925 | 78 | 216 | S by W | 80 | ... | Cloudy. |
| 8 | 29·732 | 0·137 | 87·2 | 79·0 | 97·9 | 80·6 | ... | 77·4 | 0·881 | 68 | 248 | South | 57 | ... | Do. |
| 9 | 29·724 | 0·139 | 88·5 | 80·5 | 100·9 | 81·4 | ... | 80·2 | 0·935 | 70 | 232 | S S W | 40 | ... | Fine with passing clouds. |
| 10 | 29·689 | 0·165 | 88·3 | 79·9 | 102·1 | 82·6 | ... | 80·2 | 0·908 | 69 | 224 | S W | 57 | ... | Hazy. |
| 11 | 29·667 | 0·122 | 91·2 | 74·9 | 103·6 | 82·6 | ... | 79·8 | 0·645 | 44 | 228 | S W | 57 | ... | Cloudy. |
| 12 | 29·704 | 0·116 | 90·3 | 72·5 | 103·9 | 81·8 | ... | 79·0 | 0·560 | 39 | 264 | S W | 53 | ... | Do. |
| 13 | 29·742 | 0·122 | 87·1 | 76·6 | 95·2 | 81·6 | ... | 80·4 | 0·773 | 60 | 230 | S by E | 53 | ... | Do. |
| 14 | 29·758 | 0·140 | 88·4 | 76·2 | 101·1 | 82·4 | ... | 81·0 | 0·740 | 55 | 194 | S S W | 70 | ... | Do. |
| 15 | 29·748 | 0·133 | 87·5 | 76·2 | 101·2 | 82·6 | ... | 79·4 | 0·752 | 57 | 155 | S by W | 77 | ... | Do. |
| 16 | 29·676 | 0·161 | 88·3 | 77·0 | 99·1 | 83·1 | ... | 81·3 | 0·776 | 58 | 225 | South | 50 | 0·57 | Passing clouds : thunderstorm. |
| 17 | 29·706 | 0·137 | 83·1 | 77·1 | 94·7 | 78·1 | ... | 75·5 | 0·848 | 75 | 125 | S by W | 70 | 0·25 | Cloudy : th. & lg. S and E. |
| 18 | 29·751 | 0·077 | 83·2 | 74·9 | 90·4 | 79·6 | ... | 76·3 | 0·755 | 66 | 116 | S S W | 93 | ... | Overcast. |
| 19 | 29·755 | 0·145 | 86·2 | 76·7 | 100·0 | 80·6 | ... | 78·0 | 0·792 | 63 | 156 | S by W | 63 | 0·73 | Cloudy : rain. |
| 20 | 29·745 | 0·156 | 82·8 | 77·2 | 94·8 | 76·6 | ... | 73·2 | 0·869 | 77 | 203 | S by W | 67 | 1·09 | Cloudy : th. & lg. |
| 21 | 29·700 | 0·119 | 85·4 | 76·6 | 95·6 | 77·6 | ... | 74·7 | 0·738 | 65 | 198 | South | 23 | ... | Hazy : lg. S. |
| 22 | 29·671 | 0·117 | 86·6 | 75·6 | 96·7 | 78·1 | ... | 74·0 | 0·738 | 58 | 189 | South | 13 | ... | Fine : lg. S. W |
| 23 | 29·667 | 0·083 | 86·6 | 76·6 | 95·7 | 79·6 | ... | 76·5 | 0·782 | 62 | 183 | South | 40 | 0·28 | Hazy : lg. |
| 24 | 29·682 | 0·095 | 85·4 | 77·6 | 100·5 | 79·6 | ... | 75·0 | 0·843 | 69 | 145 | S W by S | 40 | 0·01 | Cloudy : lg. S. W. |
| 25 | 29·678 | 0·135 | 86·1 | 76·3 | 94·0 | 79·6 | ... | 76·4 | 0·776 | 62 | 175 | S W | 70 | ... | Cloudy. |
| 26 | 29·650 | 0·123 | 86·3 | 75·7 | 96·7 | 80·7 | ... | 78·2 | 0·747 | 60 | 157 | S W by W | 77 | 0·01 | Do. |
| 27 | 29·605 | 0·120 | 89·3 | 76·4 | 100·7 | 80·6 | ... | 77·2 | 0·736 | 53 | 182 | S W | 67 | 0·04 | Do. |
| 28 | 29·598 | 0·130 | 90·5 | 75·1 | 99·7 | 73·0 | ... | 77·5 | 0·664 | 46 | 196 | W S W | 70 | ... | Do. |
| 29 | 29·597 | 0·134 | 86·4 | 75·0 | 99·6 | 78·0 | ... | 80·8 | 0·715 | 57 | 218 | West | 90 | 0·27 | Do. |
| 30 | 29·618 | 0·140 | 87·3 | 76·0 | 98·2 | 77·6 | ... | 74·4 | 0·740 | 57 | 151 | S S W | 70 | ... | Do. |
| Mean | 29·695 | 0·128 | 86·7 | 77·0 | 98·2 | 79·8 | ... | 77·4 | 0·804 | 63 | 195 | S S W | 56 | 3·67 | |

# Madras Meteorological Observations. 1862—July.

| July 1862 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29 690 | 0·104 | 87·6 | 76·2 | 97·6 | 81·4 | ... | 76·8 | 0 751 | 57 | 178 | S S W | 57 | ... | Cloudy. |
| 2 | 29·737 | 0·118 | 87·1 | 77·2 | 100·7 | 81·7 | ... | 77·9 | 0·801 | 62 | 175 | S S W | 50 | ... | Morning clear, night overcast. |
| 3 | 29·739 | 0·105 | 86·8 | 78·5 | 97·6 | 80·6 | ... | 78·4 | 0·856 | 68 | 149 | S S W | 57 | 0·02 | Hazy. |
| 4 | 29·719 | 0·089 | 85·8 | 78·1 | 99·5 | 82·1 | ... | 79·4 | 0·859 | 69 | 163 | South | 57 | 0·23 | Cloudy : th. W. |
| 5 | 29·674 | 0 107 | 86·8 | 78·4 | 98·7 | 79·6 | ... | 76·4 | 0·859 | 67 | 157 | S S W | 73 | 0·06 | Cloudy : lg. N. W. |
| 6 | 29·671 | 0·125 | 87·9 | 76·4 | 99·2 | 79·8 | ... | 76·0 | 0 756 | 57 | 183 | W S W | 73 | ... | Cloudy. |
| 7 | 29·686 | 0·120 | 83·7 | 76·4 | 97·2 | 77·2 | ... | 76·2 | 0·812 | 70 | 151 | S W | 100 | 1·13 | Overcast with rain : lg. S. E. |
| 8 | 29·701 | 0·122 | 84·5 | 77·5 | 95·9 | 76·7 | ... | 74 7 | 0·850 | 72 | 173 | S S W | 57 | 0·03 | Cloudy : lg. S. |
| 9 | 29 705 | 0·152 | 84·2 | 78·5 | 95·0 | 78·8 | ... | 76·5 | 0 899 | 77 | 162 | S S W | 100 | ... | Overcast. |
| 10 | 29·730 | 0·135 | 81·2 | 75·7 | 95·4 | 75·2 | ... | 71·9 | 0·816 | 77 | 174 | S by W | 100 | 1·90 | Overcast : rain : th. & lg. S. & W. |
| 11 | 29 689 | 0 144 | 82·0 | 76·9 | 95·6 | 73·7 | ... | 72 0 | 0 858 | 79 | 201 | S S W | 70 | 0·86 | Cloudy : rain : th. and lg. |
| 12 | 29 672 | 0·129 | 84·3 | 77·0 | 94·3 | 74·8 | ... | 71·8 | 0·830 | 71 | 164 | S W | 83 | ... | Cloudy. |
| 13 | 29·722 | 0·130 | 86·5 | 78·3 | 98·5 | 78·8 | ... | 74 6 | 0·859 | 68 | 182 | S W | 40 | ... | Hazy. |
| 14 | 29·702 | 0·152 | 86 5 | 79·1 | 99·5 | 80·4 | ... | 77·0 | 0·895 | 70 | 193 | S W by S | 47 | ... | Cloudy. |
| 15 | 29 660 | 0·145 | 85 6 | 78·0 | 96·7 | 79·6 | ... | 76·2 | 0·858 | 70 | 196 | South | 50 | ... | Do. |
| 16 | 29·681 | 0·095 | 86·5 | 79·3 | 97·8 | 80·4 | ... | 78·0 | 0·905 | 71 | 186 | S by W | 33 | ... | Passing clouds : lg. S. W. |
| 17 | 29·676 | 0·124 | 84·8 | 79·2 | 97·7 | 79·9 | ... | 76·8 | 0·924 | 77 | 176 | S S W | 83 | ... | Cloudy. |
| 18 | 29·705 | 0·133 | 86·1 | 78·1 | 96·5 | 80 6 | ... | 77·4 | 0·855 | 68 | 174 | South | 37 | ... | Passing clouds : lg. S. E. |
| 19 | 29·713 | 0·135 | 86·9 | 79·2 | 98·9 | 80·6 | ... | 78·0 | 0·895 | 70 | 188 | S by W | 57 | ... | Passing clouds. |
| 20 | 29·714 | 0·138 | 86·1 | 79·9 | 98·1 | 80·8 | ... | 78·2 | 0·938 | 75 | 191 | S by W | 53 | ... | Hazy. |
| 21 | 29·690 | 0·136 | 86·1 | 80·6 | 100·1 | 80·6 | ... | 77·5 | 0·974 | 78 | 192 | S S W | 70 | 0·25 | Cloudy : lg. S. E. |
| 22 | 29·661 | 0·160 | 86·8 | 79·7 | 99·7 | 79 6 | ... | 76·4 | 0·920 | 72 | 188 | S S W | 37 | ... | Hazy. |
| 23 | 29·667 | 0·139 | 87·4 | 78·2 | 100·0 | 82·3 | ... | 78 5 | 0·843 | 65 | 191 | S by W | 50 | ... | Do. |
| 24 | 29·689 | 0·138 | 87·1 | 77·0 | 99·7 | 81 6 | ... | 77·6 | 0 793 | 62 | 170 | South | 47 | ... | Do. : lg. N. E. |
| 25 | 29·681 | 0·126 | 86·3 | 76·1 | 98·4 | 82·4 | ... | 78·0 | 0·764 | 61 | 183 | S by W | 90 | ... | Overcast. |
| 26 | 29·635 | 0·140 | 86·0 | 76·9 | 98·7 | 79·1 | ... | 75·3 | 0 803 | 62 | 161 | S by W | 60 | ... | Hazy. |
| 27 | 29·657 | 0·153 | 87·6 | 75·6 | 99·6 | 80·8 | ... | 76·2 | 0·725 | 56 | 167 | S W by S | 77 | ... | Cloudy. |
| 28 | 29·684 | 0·135 | 87·6 | 76·9 | 101·0 | 81·8 | ... | 77·0 | 0·781 | 60 | 188 | S S W | 50 | ... | Cloudy : lg. S. W. |
| 29 | 29·711 | 0·139 | 86·9 | 77·5 | 99·8 | 81·8 | ... | 76 5 | 0·818 | 64 | 177 | S S W | 20 | ... | Fine : lg. S. W. |
| 30 | 29·713 | 0·126 | 84·0 | 77·6 | 94·7 | 78·8 | ... | 73·8 | 0·843 | 71 | 157 | South | 87 | 0·05 | Cloudy. |
| 31 | 29·772 | 0·156 | 80·8 | 75·6 | 87·5 | 76·9 | ... | 74·7 | 0·816 | 78 | 144 | S S W | 97 | ... | Overcast : lg. S. W. |
| Mean | 29 696 | 0·131 | 85·8 | 77·7 | 97·7 | 79·6 | ... | 76·3 | 0·844 | 69 | 175 | S S W | 63 | 4·53 | |

# Madras Meteorological Observations. 1862—August.

| August 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·794 | 0·088 | 82·9 | 76·9 | 90·7 | 77·4 | ... | 72·1 | 0·845 | 75 | 125 | South | 77 | 0·13 | Cloudy. |
| 2 | 29·775 | 0·137 | 86·4 | 78·2 | 96·9 | 78·7 | ... | 74·1 | 0·855 | 68 | 139 | S W by S | 50 | ... | Do. |
| 3 | 29·757 | 0·125 | 85·9 | 77·4 | 95·2 | 80·6 | ... | 75·2 | 0·831 | 67 | 160 | South | 83 | ... | Cloudy : lg. S. and N. W. |
| 4 | 29·780 | 0·133 | 78·6 | 75·4 | 85·0 | 71·1 | ... | 67·8 | 0·838 | 85 | 109 | W S.W | 97 | 2·30 | Overcast : rain 1h to 6h. |
| 5 | 29·777 | 0·099 | 83·6 | 78·0 | 91·7 | 77·6 | ... | 73·6 | 0·885 | 77 | 120 | S W. | 73 | 0·14 | Cloudy. |
| 6 | 29·728 | 0·145 | 83·5 | 77·1 | 91·5 | 77·4 | ... | 72·8 | 0·843 | 73 | 138 | S W. | 87 | ... | Cloudy : lg. S. W. |
| 7 | 29·699 | 0·132 | 82·8 | 76·2 | 88·9 | 76·6 | ... | 72·5 | 0·816 | 73 | 113 | S W by W | 97 | ... | Overcast : lg. S. W. |
| 8 | 29·685 | 0·126 | 82·5 | 73·8 | 92·3 | 78·1 | ... | 71·5 | 0·718 | 64 | 210 | S W by W | 90 | 0·02 | Cloudy. |
| 9 | 29·660 | 0·120 | 83·2 | 74·4 | 92·9 | 77·1 | ... | 71·0 | 0·734 | 64 | 206 | W S.W | 97 | 0·01 | Overcast. |
| 10 | 29·666 | 0·111 | 81·7 | 75·2 | 92·3 | 78·0 | ... | 71·7 | 0·788 | 73 | 155 | W S.W | 93 | 0·26 | Overcast : lg. S. E. |
| 11 | 29·687 | 0·110 | 79·5 | 76·3 | 94·5 | 76·7 | ... | 72·2 | 0·865 | 86 | 130 | S W by S | 100 | 0·90 | Overcast : showery. |
| 12 | 29·653 | 0·166 | 83·7 | 77·2 | 93·5 | 76·8 | ... | 71·2 | 0·847 | 73 | 157 | S S.W | 80 | ... | Cloudy. |
| 13 | 29·689 | 0·119 | 83·7 | 77·5 | 95·1 | 77·1 | ... | 72·2 | 0·861 | 75 | 180 | S S.W | 80 | ... | Do. |
| 14 | 29·759 | 0·138 | 84·5 | 77·3 | 97·3 | 76·6 | ... | 72·3 | 0·842 | 71 | 169 | S S.W | 47 | 0·02 | Fine with passing clouds. |
| 15 | 29·782 | 0·166 | 85·9 | 75·9 | 97·7 | 77·8 | ... | 73·0 | 0·761 | 61 | 155 | W S.W | 60 | 0·04 | Cloudy : lg. |
| 16 | 29·759 | 0·140 | 84·9 | 74·5 | 92·4 | 79·6 | ... | 73·4 | 0·715 | 60 | 164 | S S.W | 73 | ... | Cloudy : lg. N. E. |
| 17 | 29·730 | 0·145 | 85·2 | 74·6 | 95·0 | 78·8 | ... | 73·8 | 0·715 | 59 | 192 | S W by W | 93 | ... | Cloudy. |
| 18 | 29·699 | 0·162 | 84·4 | 75·6 | 96·1 | 79·0 | ... | 73·4 | 0·771 | 65 | 184 | S W by S | 80 | 0·01 | Do. |
| 19 | 29·713 | 0·149 | 84·1 | 75·5 | 97·0 | 78·0 | ... | 71·0 | 0·769 | 66 | 210 | S S.W | 47 | ... | Fine with passing clouds. |
| 20 | 29·741 | 0·145 | 83·9 | 75·5 | 95·7 | 78·8 | ... | 72·8 | 0·771 | 67 | 166 | S S.W | 53 | ... | Hazy. |
| 21 | 29·753 | 0·154 | 84·7 | 75·6 | 94·7 | 79·1 | ... | 74·2 | 0·764 | 64 | 167 | South | 47 | 0·02 | Fine with passing clouds. |
| 22 | 29·790 | 0·163 | 82·0 | 76·8 | 92·5 | 74·2 | ... | 69·5 | 0·857 | 78 | 182 | S S.W | 40 | 0·56 | Passing clouds : rain : lg. N. W. |
| 23 | 29·779 | 0·129 | 83·3 | 77·1 | 92·7 | 76·1 | ... | 72·5 | 0·848 | 74 | 198 | S S.W | 63 | ... | Cloudy. |
| 24 | 29·794 | 0·145 | 83·5 | 77·0 | 90·9 | 77·6 | ... | 71·2 | 0·841 | 73 | 209 | S S.W | 23 | 0·01 | Fine with passing clouds: lg. S. W. |
| 25 | 29·772 | 0·134 | 84·9 | 77·4 | 96·8 | 78·6 | ... | 72·8 | 0·840 | 70 | 169 | S S.W | 30 | ... | Do. do. |
| 26 | 29·770 | 0·159 | 85·3 | 78·2 | 96·9 | 80·0 | ... | 73·8 | 0·872 | 72 | 171 | S by W | 47 | 0·06 | Do. do. |
| 27 | 29·771 | 0·141 | 85·7 | 76·6 | 96·7 | 79·6 | ... | 73·8 | 0·794 | 64 | 163 | South | 27 | ... | Do. do. |
| 28 | 29·756 | 0·101 | 84·7 | 76·8 | 94·0 | 77·6 | ... | 73·5 | 0·816 | 68 | 151 | S S.W | 60 | ... | Cloudy : lg. N. W. |
| 29 | 29·754 | 0·105 | 85·0 | 76·6 | 94·8 | 77·8 | ... | 73·4 | 0·798 | 66 | 185 | South | 50 | 0·03 | Cloudy : th. and lg. W. |
| 30 | 29·771 | 0·114 | 83·0 | 76·7 | 97·5 | 74·0 | ... | 70·0 | 0·835 | 74 | 207 | S W. | 57 | ... | Cloudy : lg. W. |
| 31 | 29·789 | 0·089 | 82·4 | 77·2 | 94·8 | 75·9 | ... | 72·7 | 0·865 | 78 | 177 | S S W | 60 | 0·05 | Cloudy : lg. S. W. |
| Mean | 29·743 | 0·135 | 83·7 | 76·4 | 94·0 | 77·5 | ... | 72·4 | 0·813 | 70 | 166 | S W by S | 66 | 4·56 | |

## Madras Meteorological Observations. 1862—September.

| September 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·776 | 0·139 | 83·8 | 76·3 | 92·3 | 76·6 | ... | 73·2 | 0·813 | 69 | 158 | S S W | 60 | ... | Hazy. |
| 2 | 29·748 | 0·120 | 85·2 | 76·4 | 94·2 | 78·4 | ... | 74·2 | 0·792 | 65 | 147 | S S W | 57 | ... | Cloudy : lg. S. W. |
| 3 | 29·760 | 0·111 | 83·3 | 75·7 | 89·7 | 78·4 | ... | 74·0 | 0·788 | 69 | 101 | W by S | 100 | ... | Overcast. |
| 4 | 29·725 | 0·142 | 84·6 | 76·9 | 93·2 | 79·6 | ... | 76·4 | 0·822 | 69 | 114 | SW by S | 93 | ... | Do. |
| 5 | 29·745 | 0·133 | 84·0 | 77·1 | 96·0 | 77·8 | ... | 74·0 | 0·838 | 72 | 149 | S S W | 65 | ... | Cloudy : lg. S. W. |
| 6 | 29·761 | 0·135 | 83·3 | 76·5 | 89·9 | 77·4 | ... | 73·4 | 0·829 | 72 | 109 | S by E | 32 | 0·57 | Fine with passing clouds. |
| 7 | 29·764 | 0·134 | 83·8 | 77·7 | 90·5 | 77·1 | ... | 74·0 | 0·869 | 75 | 136 | S S E | 20 | ... | Light haze. |
| 8 | 29·760 | 0·174 | 84·8 | 78·4 | 90·3 | 81·1 | ... | 77·0 | 0·886 | 74 | 131 | S S E | 45 | ... | Hazy. |
| 9 | 29·715 | 0·153 | 85·0 | 78·1 | 91·9 | 78·6 | ... | 75·0 | 0·870 | 72 | 125 | SE by S | 15 | ... | Fine. |
| 10 | 29·691 | 0·163 | 85·6 | 78·3 | 93·4 | 79·6 | ... | 77·0 | 0·872 | 71 | 145 | S by E | 23 | ... | Fine with passing clouds : lg. N. W. |
| 11 | 29·690 | 0·113 | 84·1 | 78·5 | 91·6 | 77·6 | ... | 75·5 | 0·901 | 77 | 106 | S S E | 23 | 0·04 | Fine with passing clouds. |
| 12 | 29·707 | 0·122 | 85·0 | 78·3 | 92·5 | 77·6 | ... | 74·0 | 0·880 | 73 | 83 | South | 53 | ... | Cloudy : lg. N. E. |
| 13 | 29·704 | 0·160 | 83·4 | 78·1 | 92·2 | 78·6 | ... | 73·8 | 0·892 | 78 | 81 | S by W | 83 | 0·02 | Cloudy. |
| 14 | 29·694 | 0·082 | 79·2 | 76·4 | 87·1 | 77·9 | ... | 75·5 | 0·873 | 87 | 67 | S W | 100 | 0·21 | Overcast : lg. S. W. |
| 15 | 29·667 | 0·132 | 82·5 | 77·0 | 90·9 | 76·6 | ... | 74·1 | 0·855 | 77 | 113 | SW by S | 70 | ... | Cloudy : lg. S. |
| 16 | 29·712 | 0·118 | 84·3 | 77·6 | 94·0 | 77·1 | ... | 74·7 | 0·857 | 73 | 161 | S S W | 77 | ... | Cloudy. |
| 17 | 29·765 | 0·122 | 85·0 | 77·5 | 92·9 | 77·6 | ... | 74·2 | 0·844 | 70 | 164 | South | 57 | ... | Hazy. |
| 18 | 29·785 | 0·113 | 85·1 | 77·5 | 94·6 | 78·7 | ... | 76·0 | 0·843 | 69 | 171 | South | 75 | ... | Do. |
| 19 | 29·785 | 0·134 | 82·7 | 76·6 | 95·5 | 77·7 | ... | 76·8 | 0·837 | 79 | 183 | S S W | 88 | 0·74 | Cloudy : th., lg., and rain. |
| 20 | 29·829 | 0·139 | 79·4 | 76·2 | 84·2 | 76·8 | ... | 74·0 | 0·862 | 86 | 61 | S by E | 98 | 0·12 | Overcast. |
| 21 | 29·881 | 0·093 | 78·2 | 75·3 | 83·9 | 76·6 | ... | 75·0 | 0·839 | 87 | 55 | S E | 90 | 0·22 | Cloudy. |
| 22 | 29·898 | 0·151 | 77·5 | 75·0 | 83·2 | 74·8 | ... | 73·0 | 0·836 | 89 | 59 | South | 75 | 0·84 | Do. |
| 23 | 29·843 | 0·141 | 80·0 | 76·0 | 90·9 | 74·3 | ... | 73·2 | 0·845 | 82 | 109 | S S W | 60 | 0·13 | Cloudy : th. and lg. |
| 24 | 29·768 | 0·141 | 82·3 | 76·0 | 90·9 | 75·8 | ... | 73·8 | 0·811 | 73 | 147 | W S W | 75 | ... | Cloudy : lg. N. E. |
| 25 | 29·726 | 0·116 | 80·1 | 76·4 | 85·6 | 76·6 | ... | 75·0 | 0·861 | 84 | 97 | W by N | 93 | 0·22 | Overcast : lg. N. E. |
| 26 | 29·686 | 0·138 | 80·7 | 76·0 | 88·0 | 72·8 | ... | 72·0 | 0·849 | 79 | 143 | West | 98 | 0·16 | Overcast. |
| 27 | 29·668 | 0·122 | 82·9 | 75·7 | 89·5 | 77·8 | ... | 75·2 | 0·792 | 70 | 154 | W S W | 93 | ... | Do. |
| 28 | 29·671 | 0·119 | 82·9 | 76·3 | 89·8 | 76·8 | ... | 74·8 | 0·813 | 73 | 185 | SW by S | 90 | 0·01 | Cloudy. |
| 29 | 29·738 | 0·110 | 83·4 | 77·9 | 91·5 | 76·8 | ... | 74·5 | 0·883 | 77 | 198 | South | 40 | ... | Cloudy : lg. W. and S. W. |
| 30 | 29·782 | 0·147 | 82·3 | 77·4 | 90·7 | 75·2 | ... | 73·3 | 0·874 | 75 | 116 | South | 17 | 0·32 | Fine. |
| Mean | 29·748 | 0·131 | 82·8 | 76·9 | 90·7 | 77·3 | ... | 74·6 | 0·847 | 76 | 126 | S S W | 66 | 3·60 | |

# Madras Meteorological Observations. 1862—October.

| October 1862 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·787 | 0·127 | 82·6 | 76·1 | 91·8 | 77·6 | ... | 75·0 | 0·814 | 73 | 93 | SE by E | 48 | ... | Hazy. |
| 2 | 29·775 | 0·102 | 83·7 | 77·7 | 90·7 | 77·6 | ... | 73·8 | 0·870 | 75 | 109 | S S.E | 7 | ... | Fine. |
| 3 | 29·794 | 0·143 | 84·2 | 77·6 | 92·2 | 78·3 | ... | 75·5 | 0·859 | 74 | 146 | S S.E | 30 | ... | Fine with passing clouds. |
| 4 | 29·798 | 0·161 | 82·7 | 78·0 | 91·5 | 77·1 | ... | 75·6 | 0·897 | 80 | 94 | S E | 82 | ... | Cloudy. |
| 5 | 29·786 | 0·153 | 78·3 | 75·6 | 87·1 | 73·8 | ... | 71·8 | 0·850 | 88 | 93 | S W | 100 | 1·23 | Overcast. |
| 6 | 29·755 | 0·128 | 82·5 | 77·6 | 91·5 | 76·2 | ... | 75·5 | 0·882 | 79 | 99 | South | ·33 | ... | Fine with passing clouds. |
| 7 | 29·785 | 0·137 | 82·9 | 77·7 | 92·1 | 76·8 | ... | 74·0 | 0·881 | 78 | 90 | S S.E | 22 | ... | Do. |
| 8 | 29·775 | 0·124 | 82·1 | 77·4 | 90·9 | 76·3 | ... | 73·9 | 0·877 | 69 | 84 | S S W | 32 | ... | Do. |
| 9 | 29·744 | 0·100 | 82·0 | 78·2 | 88·5 | 78·8 | ... | 76·0 | 0·902 | 80 | 73 | N N.W | 83 | 0·01 | Cloudy. |
| 10 | 29·715 | 0·144 | 80·2 | 76·4 | 86·4 | 77·6 | ... | 77·0 | 0·860 | 83 | 69 | N W. | 75 | 0·19 | Cloudy: lg. |
| 11 | 29·716 | 0·126 | 80·8 | 76·8 | 87·1 | 75·1 | ... | 73·8 | 0·869 | 83 | 73 | NE by N | 30 | ... | Hazy. |
| 12 | 29·780 | 0·102 | 81·9 | 77·3 | 88·7 | 76·4 | ... | 74·0 | 0·876 | 81 | 75 | E S E | 18 | ... | Fine. |
| 13 | 29·827 | 0·127 | 82·8 | 77·1 | 88·3 | 78·4 | ... | 76·0 | 0·855 | 76 | 95 | S E. | 27 | ... | Fine: lg. N. W. |
| 14 | 29·845 | 0·114 | 82·3 | 77·4 | 88·7 | 77·6 | ... | 74·5 | 0·875 | 79 | 73 | E S E | 23 | ... | Fine. |
| 15 | 29·828 | 0·147 | 83·3 | 77·8 | 89·6 | 77·0 | ... | 74·0 | 0·880 | 77 | 77 | E S.E | 22 | ... | Fine: lg. |
| 16 | 29·844 | 0·126 | 82·9 | 77·6 | 90·2 | 77·4 | ... | 74·0 | 0·878 | 78 | 78 | SE by E | 22 | ... | Do.: do. |
| 17 | 29·849 | 0·145 | 82·1 | 77·3 | 88·9 | 77·6 | ... | 74·6 | 0·873 | 80 | 66 | E S.E | 57 | ... | Cloudy. |
| 18 | 29·829 | 0·150 | 81·6 | 76·9 | 88·6 | 77·1 | ... | 74·2 | 0·862 | 80 | 61 | S E | 85 | ... | Do. |
| 19 | 29·799 | 0·125 | 80·7 | 76·6 | 90·7 | 75·1 | ... | 72·8 | 0·862 | 83 | 83 | E S.E | 88 | ... | Do. |
| 20 | 29·769 | 0·145 | 81·3 | 75·9 | 89·6 | 76·1 | ... | 73·2 | 0·812 | 77 | 73 | N E | 80 | ... | Cloudy: lg. E. |
| 21 | 29·752 | 0·141 | 83·4 | 77·4 | 92·3 | 76·5 | ... | 74·0 | 0·830 | 75 | 177 | S S W | 70 | ... | Cloudy: lg. N. E. |
| 22 | 29·764 | 0·140 | 83·6 | 76·9 | 94·4 | 77·6 | ... | 75·0 | 0·835 | 73 | 230 | S S.W | 45 | ... | Fine with passing clouds: lg. N. W. |
| 23 | 29·781 | 0·147 | 85·2 | 77·6 | 94·7 | 78·2 | ... | 75·9 | 0·846 | 69 | 182 | S S W | 65 | ... | Hazy. |
| 24 | 29·804 | 0·106 | 84·9 | 76·8 | 93·7 | 77·6 | ... | 75·1 | 0·814 | 68 | 127 | W N.W | 40 | ... | Fine with passing clouds. |
| 25 | 29·825 | 0·095 | 84·0 | 76·8 | 91·5 | 78·4 | ... | 75·5 | 0·826 | 71 | 84 | W by S | 73 | ... | Cloudy. |
| 26 | 29·868 | 0·096 | 81·2 | 77·6 | 89·7 | 78·0 | ... | 75·3 | 0·900 | 85 | 58 | S S W | 83 | 1·66 | Do. |
| 27 | 29·859 | 0·130 | 81·0 | 76·4 | 87·2 | 76·6 | ... | 74·1 | 0·849 | 80 | 81 | Var. | 53 | 0·17 | Do. |
| 28 | 29·890 | 0·104 | 81·0 | 75·0 | 87·5 | 75·6 | ... | 72·9 | 0·789 | 74 | 103 | NE by N | 10 | ... | Fine. |
| 29 | 29·895 | 0·101 | 80·7 | 74·3 | 87·3 | 74·8 | ... | 70·8 | 0·763 | 72 | 186 | North | 57 | 0·37 | Fine with passing clouds: lg. N. W. |
| 30 | 29·851 | 0·101 | 74·3 | 73·2 | 78·9 | 72·4 | ... | 71·0 | 0·791 | 90 | 219 | North | 100 | 1·35 | Overcast. |
| 31 | 29·836 | 0·046 | 73·1 | 72·2 | 78·7 | 71·8 | ... | 71·0 | 0·765 | 90 | 147 | W N W | 100 | 3·22 | Overcast: rain: lg. N. E. |
| Mean | 29·804 | 0·124 | 81·8 | 76·7 | 89·3 | 76·6 | ... | 74·2 | 0·850 | 78 | 106 | S S.E | 54 | 8·20 | |

# Madras Meteorological Observations, 1862—November.

| November 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·911 | 0·119 | 77·6 | 75·4 | 84·3 | 70·6 | ... | 68·6 | 0·854 | 90 | 80 | E N E | 40 | 0·08 | Fine with passing clouds. |
| 2 | 29·944 | 0·124 | 78·2 | 74·9 | 84·0 | 73·6 | ... | 73·0 | 0·822 | 85 | 74 | N E | 70 | 1·29 | Showery. |
| 3 | 29·905 | 0·128 | 79·7 | 75·5 | 84·6 | 75·3 | ... | 74·0 | 0·829 | 81 | 131 | North | 37 | 0·11 | Fine with passing clouds. |
| 4 | 29·899 | 0·106 | 80·1 | 75·6 | 85·3 | 75·2 | ... | 73·6 | 0·826 | 80 | 129 | N N E | 18 | ... | Fine. |
| 5 | 29·911 | 0·112 | 79·0 | 75·1 | 84·7 | 74·1 | ... | 70·3 | 0·820 | 82 | 122 | N N E | 35 | ... | Fine with passing clouds. |
| 6 | 29·902 | 0·102 | 79·2 | 74·8 | 84·5 | 74·6 | ... | 71·6 | 0·798 | 80 | 149 | N N E | 37 | 0·01 | Do. |
| 7 | 20·880 | 0·136 | 79·4 | 73·7 | 84·5 | 73·8 | ... | 72·0 | 0·756 | 75 | 182 | N E | 25 | ... | Fine. |
| 8 | 29·894 | 0·116 | 78·7 | 71·1 | 83·5 | 74·9 | ... | 72·3 | 0·661 | 68 | 160 | N E | 23 | ... | Do. |
| 9 | 29·887 | 0·132 | 77·5 | 69·5 | 82·9 | 72·8 | ... | 69·3 | 0·615 | 65 | 125 | N N E | 12 | ... | Do. |
| 10 | 29·891 | 0·097 | 75·4 | 68·5 | 81·8 | 68·6 | ... | 63·2 | 0·605 | 69 | 114 | N N E | 10 | ... | Do. |
| 11 | 29·895 | 0·120 | 76·3 | 69·9 | 82·7 | 68·8 | ... | 63·8 | 0·646 | 71 | 124 | N N E | 13 | ... | Do. |
| 12 | 29·914 | 0·107 | 77·3 | 72·5 | 83·3 | 71·8 | ... | 67·7 | 0·736 | 79 | 144 | North | 50 | 0·08 | Fine with passing clouds. |
| 13 | 29·912 | 0·095 | 78·8 | 74·3 | 85·2 | 72·6 | ... | 69·0 | 0·789 | 80 | 142 | N E by N | 28 | 0·02 | Do. |
| 14 | 29·889 | 0·109 | 79·7 | 74·1 | 83·8 | 75·8 | ... | 73·0 | 0·769 | 76 | 198 | N E | 45 | ... | Do. |
| 15 | 29·923 | 0·093 | 78·9 | 71·9 | 82·5 | 76·6 | ... | 73·5 | 0·689 | 70 | 209 | N N E | 38 | ... | Do. |
| 16 | 29·921 | 0·148 | 77·6 | 71·4 | 83·3 | 71·6 | ... | 68·2 | 0·688 | 72 | 137 | North | 20 | ... | Fine. |
| 17 | 29·902 | 0·120 | 77·1 | 72·8 | 81·6 | 74·2 | ... | 73·0 | 0·750 | 81 | 170 | N by E | 92 | 0·07 | Cloudy. |
| 18 | 29·886 | 0·092 | 77·8 | 73·2 | 82·4 | 73·6 | ... | 72·6 | 0·757 | 80 | 179 | N by E | 100 | 0·13 | Overcast. |
| 19 | 29·964 | 0·093 | 75·4 | 73·3 | 78·8 | 73·8 | ... | 72·9 | 0·793 | 90 | 110 | N N E | 100 | 1·12 | Do. |
| 20 | 29·992 | 0·146 | 76·4 | 72·6 | 80·9 | 73·6 | ... | 72·1 | 0·751 | 83 | 143 | N N W | 90 | 0·09 | Do. |
| 21 | 29·911 | 0·120 | 75·0 | 72·3 | 81·2 | 72·8 | ... | 70·1 | 0·761 | 87 | 164 | N W by N | 92 | 0·11 | Do. |
| 22 | 29·854 | 0·112 | 76·9 | 74·5 | 84·6 | 72·1 | ... | 67·9 | 0·822 | 89 | 143 | N E by N | 77 | 0·12 | Cloudy. |
| 23 | 29·865 | 0·123 | 76·4 | 74·7 | 81·8 | 73·6 | ... | 73·0 | 0·838 | 92 | 100 | N N E | 80 | 0·14 | Do. |
| 24 | 29·901 | 0·118 | 75·8 | 73·9 | 78·9 | 73·8 | ... | 72·1 | 0·812 | 91 | 92 | N N E | 92 | 2·13 | Overcast. |
| 25 | 29·946 | 0·078 | 76·6 | 72·1 | 82·4 | 73·4 | ... | 72·8 | 0·729 | 79 | 136 | N by E | 68 | 0·02 | Cloudy. |
| 26 | 29·946 | 0·097 | 76.6 | 71·5 | 81·1 | 70·6 | ... | 65·5 | 0·708 | 77 | 126 | N N E | 43 | ... | Fine with passing clouds. |
| 27 | 29·925 | 0·148 | 77·4 | 73·1 | 82·3 | 72·6 | ... | 68·4 | 0·758 | 81 | 140 | N E by N | 80 | ... | Cloudy. |
| 28 | 29·932 | 0·105 | 77·2 | 73·0 | 83·4 | 73·0 | ... | 68·5 | 0·756 | 81 | 147 | N N E | 77 | ... | Do. |
| 29 | 29·954 | 0·097 | 77·0 | 73·2 | 82·4 | 73·1 | ... | 70·1 | 0·768 | 83 | 146 | N E by N | 78 | ... | Do. |
| 30 | 29·939 | 0·123 | 77·9 | 73·6 | 83·7 | 73·6 | ... | 70·0 | 0·772 | 81 | 130 | N N E | 27 | ... | Fine with passing clouds. |
| | | | | | | | | | | | | ... | | | |
| Mean | 29·913 | 0·114 | 77·6 | 73·1 | 82·9 | 73·2 | ... | 70·4 | 0·756 | 80 | 138 | N N E | 53 | 5·52 | |

## Madras Meteorological Observations. 1862—December.

| December 1862 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·977 | 0·082 | 76·5 | 72·1 | 82·2 | 72·5 | ... | 67·5 | 0·792 | 80 | 106 | N N E | 23 | ... | Fine with passing clouds. |
| 2 | 29·991 | 0·107 | 77·8 | 72·4 | 82·7 | 71·8 | ... | 66·0 | 0·724 | 75 | 133 | N E by N | 27 | ... | Do. |
| 3 | 29·993 | 0·100 | 78·1 | 69·6 | 81·6 | 74·4 | ... | 68·0 | 0·611 | 63 | 247 | N E by N | 30 | ... | Do. |
| 4 | 29·986 | 0·102 | 77·1 | 71·0 | 81·7 | 72·6 | ... | 67·0 | 0·678 | 73 | 228 | N N E | 62 | ... | Cloudy. |
| 5 | 29·954 | 0·132 | 75·9 | 70·5 | 82·2 | 70·9 | ... | 65·7 | 0·675 | 75 | 191 | North | 63 | ... | Do. |
| 6 | 29·929 | 0·142 | 75·3 | 70·5 | 80·2 | 71·1 | ... | 66·3 | 0·683 | 78 | 182 | N by E | 82 | ... | Do. |
| 7 | 29·938 | 0·089 | 75·9 | 70·0 | 80·7 | 69·8 | ... | 64·7 | 0·655 | 73 | 215 | N by E | 37 | ... | Fine with passing clouds. |
| 8 | 29·960 | 0·097 | 75·7 | 68·9 | 81·6 | 71·4 | ... | 63·4 | 0·617 | 70 | 195 | N N E | 33 | ... | Do. |
| 9 | 29·908 | 0·117 | 74·1 | 68·7 | 81·2 | 67·6 | ... | 58·4 | 0·632 | 74 | 145 | North | 30 | ... | Do. |
| 10 | 29·892 | 0·320 | 74·9 | 71·1 | 79·9 | 67·7 | ... | 60·7 | 0·712 | 82 | 163 | North | 25 | ... | Do. |
| 11 | 29·917 | 0·088 | 75·1 | 72·5 | 80·6 | 69·6 | ... | 62·4 | 0·766 | 88 | 197 | North | 68 | ... | Cloudy. |
| 12 | 29·878 | 0·118 | 75·8 | 73·2 | 81·0 | 71·6 | ... | 66·0 | 0·784 | 88 | 232 | North | 95 | 0·04 | Overcast. |
| 13 | 29·846 | 0·143 | 72·6 | 71·0 | 83·1 | 72·2 | ... | 67·8 | 0·739 | 92 | 162 | N N W | 100 | 1·36 | Do. |
| 14 | 29·835 | 0·120 | 74·2 | 72·1 | 79·9 | 71·8 | ... | 66·8 | 0·761 | 90 | 196 | North | 100 | 3·28 | Do. |
| 15 | 29·854 | 0·107 | 75·5 | 70·8 | 79 6 | 71·7 | ... | 66·2 | 0·693 | 78 | 202 | North | 97 | 0·01 | Do. |
| 16 | 29·846 | 0·104 | 75·9 | 71·5 | 79·5 | 73·6 | ... | 66·1 | 0·714 | 80 | 253 | North | 93 | ... | Do. |
| 17 | 29·822 | 0·123 | 71·8 | 70·0 | 75·0 | 69·1 | ... | 64·4 | 0·711 | 91 | 257 | N N W | 100 | 0·29 | Do. |
| 18 | 29·784 | 0·107 | 71·7 | 69·6 | 73·9 | 70·4 | ... | 66·5 | 0·697 | 90 | 236 | N N W | 100 | 0·63 | Do. |
| 19 | 29·775 | 0·137 | 69·3 | 64·0 | 72·1 | 67·1 | ... | 61·8 | 0·527 | 74 | 244 | N N W | 100 | 0·03 | Do. |
| 20 | 29·793 | 0·093 | 71·4 | 65·8 | 74·3 | 68·1 | ... | 61·0 | 0·562 | 73 | 260 | N N W | 100 | 0·09 | Do. |
| 21 | 29·796 | 0·124 | 73·1 | 70·1 | 77·2 | 70·5 | ... | 63·1 | 0·697 | 86 | 290 | North | 97 | 0·02 | Do. |
| 22 | 29·788 | 0·081 | 74·0 | 71·2 | 79·1 | 71·7 | ... | 65·0 | 0·728 | 87 | 263 | North | 87 | 0·18 | Cloudy. |
| 23 | 29·813 | 0·083 | 73·9 | 71·8 | 76·5 | 71 6 | ... | 67·0 | 0·753 | 90 | 198 | North | 100 | 0·17 | Overcast. |
| 24 | 29·851 | 0·081 | 73·8 | 72·3 | 77·1 | 72·8 | ... | 66·0 | 0·774 | 93 | 221 | North | 100 | ... | Do. |
| 25 | 29·880 | 0·099 | 76·1 | 74·3 | 78·3 | 72·5 | ... | 68·0 | 0·825 | 92 | 199 | N N E | 100 | 0·39 | Do. |
| 26 | 29·924 | 0·095 | 73·8 | 72·7 | 78·8 | 72·5 | ... | — | 0·789 | 95 | 159 | North | 98 | 0·49 | Do. |
| 27 | 29·965 | 0·098 | 72·4 | 71·1 | 73·6 | 71·5 | ... | 71·3 | 0·746 | 94 | 190 | North | 97 | 0·02 | Do. |
| 28 | 29·998 | 0·099 | 74·4 | 71·8 | 79·5 | 71·8 | ... | 71·3 | 0·747 | 88 | 167 | North | 70 | ... | Cloudy. |
| 29 | 30·006 | 0·169 | 72·6 | 69·0 | 78·2 | 68·3 | ... | 65·9 | 0·662 | 83 | 179 | N by E | 45 | ... | Fine with passing clouds. |
| 30 | 30·053 | 0·129 | 70·4 | 67·0 | 77·4 | 65·4 | ... | 61·6 | 0·617 | 83 | 126 | North | 27 | ... | Do. |
| 31 | 30·046 | 0·141 | 69·5 | 65·7 | 77·7 | 62·6 | ... | 56·9 | 0·605 | 81 | 79 | N N E | 3 | ... | Clear. |
| Mean | 29·903 | 0·110 | 74·1 | 70·4 | 78·9 | 70 5 | ... | 65·1 | 0·697 | 83 | 197 | North | 71 | 7·00 | |

## Madras Mean Monthly and Annual Meteorological Results in 1862.

| | Barometer Reduced to 32° | Barometer Daily Range | Dry Bulb Thermometer Mean | Dry Bulb Max. | Dry Bulb Min. | Dry Bulb Range | Wet Bulb Mean | Wet Bulb Min. | Tension of Vapour (By Blanford's Tables) | Relative Humidity (By Blanford's Tables) | Sun Maximum | Minimum on Grass | Wind Daily Velocity | Wind Mean Direction | Wind Mean Direction | Rain Amount | Rain Days | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·973 | 0·123 | 75·4 | 81·5 | 69·6 | 11·9 | 70·1 | 66·9 | 0·665 | 76 | ... | 66·5 | 141 | 7 | E by N | 0·49 | 7 | 53 |
| February | 29·952 | 0·118 | 75·8 | 83·3 | 68·4 | 14·9 | 69·2 | 64·7 | 0·630 | 70 | ... | 64·7 | 139 | 6 | E N E | ... | ... | 65 |
| March | 29·914 | 0·128 | 80·0 | 88·4 | 72·6 | 15·8 | 73·1 | 69·4 | 0·726 | 71 | ... | 68·8 | 141 | 10 | E S E | 0·01 | 1 | 79 |
| April | 29·838 | 0·139 | 83·6 | 91·6 | 76·5 | 15·1 | 77·4 | 73·5 | 0·862 | 75 | ... | 73·1 | 183 | 15 | S by E | ... | ... | 84 |
| May | 29·771 | 0·135 | 87·5 | 98·0 | 81·0 | 17·0 | 78·2 | 75·5 | 0·842 | 65 | ... | 78·0 | 213 | 14 | S S E | 0·60 | 1 | 61 |
| June | 29·695 | 0·128 | 86·7 | 98·2 | 79·8 | 18·4 | 77·0 | 73·5 | 0·804 | 63 | ... | 77·4 | 195 | 18 | S S W | 3·67 | 11 | 44 |
| July | 29·696 | 0·131 | 85·8 | 97·7 | 79·6 | 18·1 | 77·7 | 74·2 | 0·814 | 69 | ... | 76·3 | 175 | 18 | S S W | 4·53 | 9 | 37 |
| August | 29·743 | 0·135 | 83·7 | 94·0 | 77·5 | 16·5 | 76·4 | 72·7 | 0·813 | 70 | ... | 72·4 | 166 | 19 | S W by S | 4·56 | 16 | 34 |
| September | 29·748 | 0·131 | 82·8 | 90·7 | 77·3 | 13·4 | 76·9 | 74·1 | 0·847 | 76 | ... | 74·6 | 126 | 18 | S S W | 3·60 | 13 | 34 |
| October | 29·804 | 0·124 | 81·8 | 89·3 | 76·6 | 12·7 | 76·7 | 74·4 | 0·850 | 78 | ... | 74·2 | 106 | 14 | S S E | 8·20 | 8 | 46 |
| November | 29·913 | 0·114 | 77·6 | 82·9 | 73·2 | 9·7 | 73·1 | 71·0 | 0·756 | 80 | ... | 70·4 | 138 | 2 | N N E | 5·52 | 15 | 47 |
| December | 29·903 | 0·110 | 74·1 | 78·9 | 70·5 | 8·4 | 70·4 | 67·7 | 0·697 | 83 | ... | 65·1 | 197 | 0 | North | 7·00 | 14 | 29 |
| Annual | 29·829 | 0·126 | 81·2 | 89·5 | 75·2 | 14·3 | 74·7 | 71·5 | 0·778 | 73 | ... | 71·8 | 160 | 12 | S E | 38·18 | 95 | 51 |

## Madras Extreme Monthly Meteorological Records in 1862.

| | Barometer Highest | | Barometer Lowest | | Barometer Range | Dry Bulb Thermometer Highest | | Dry Bulb Thermometer Lowest | | Wet Bulb Lowest | | Humidity Lowest | | Sun Thermometer Highest | | Grass Thermometer Lowest | | Wind Highest | | Wind Lowest | | Rain Greatest Fall | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·106 | 18 | 29·797 | 27 | 0·309 | 83·9 | 8 | 64·6 | 27 | 62·7 | 27 | 55 | 22 | ... | ... | 60·3 | 27 | 260 | 3 | 83 | 27 | 0·17 | 10 |
| February | 30·108 | 12 | 29·778 | 27 | 0·330 | 88·1 | 27 | 63·5 | 27 | 60·0 | 27 | 24 | 27 | ... | ... | 58·3 | 27 | 244 | 12 | 85 | 26 | ... | ... |
| March | 30·069 | 14 | 29·780 | 27 | 0·289 | 91·7 | 31 | 66·1 | 23 | 63·5 | 24 | 38 | 22 | ... | ... | 63·3 | 22 | 202 | 31 | 78 | 21 | 0·01 | 29 |
| April | 30·013 | 13 | 29·619 | 26 | 0·394 | 94·0 | 15 | 70·6 | 6 | 68·9 | 7 | 50 | 24 | ... | ... | 66·0 | 6 | 254 | 19 | 112 | 13 | ... | ... |
| May | 29·932 | 5 | 29·603 | 30 | 0·329 | 107·1 | 30 | 76·0 | 8 | 71·5 | 20 | 38 | 16 | ... | ... | 71·6 | 23 | 328 | 22 | 107 | 10 | 0·60 | 23 |
| June | 29·812 | 20 | 29·508 | 29 | 0·304 | 103·9 | 12 | 73·6 | 7 | 69·7 | 13 | 31 | 12 | ... | ... | 73·0 | 7 | 289 | 5 | 116 | 18 | 1·09 | 20 |
| July | 29·809 | 31 | 29·576 | 27 | 0·233 | 101·0 | 28 | 73·7 | 11 | 71·2 | 11 | 46 | 2 | ... | ... | 71·8 | 12 | 201 | 11 | 144 | 31 | 1·90 | 10 |
| August | 29·863 | 22 | 29·568 | 12 | 0·295 | 97·7 | 15 | 71·1 | 4 | 70·2 | 4 | 44 | 2 | ... | ... | 67·8 | 4 | 210 | 8 | 113 | 7 | 2·30 | 4 |
| September | 29·978 | 22 | 29·585 | 15 | 0·393 | 96·0 | 5 | 72·8 | 26 | 71·4 | 26 | 54 | 4 | ... | ... | 72·0 | 26 | 198 | 29 | 55 | 21 | 0·84 | 22 |
| October | 29·938 | 29 | 29·640 | 10 | 0·298 | 94·7 | 23 | 71·8 | 31 | 69·9 | 31 | 52 | 24 | ... | ... | 70·8 | 29 | 230 | 22 | 58 | 26 | 3·22 | 31 |
| November | 30·077 | 20 | 29·799 | 22 | 0·278 | 85·3 | 4 | 68·6 | 10 | 66·7 | 11 | 58 | 10 | ... | ... | 63·2 | 10 | 209 | 15 | 74 | 2 | 2·13 | 24 |
| December | 30·123 | 31 | 29·709 | 19 | 0·414 | 83·1 | 13 | 62·6 | 31 | 61·5 | 31 | 59 | 3 | ... | ... | 56·9 | 31 | 290 | 21 | 79 | 31 | 3·28 | 14 |

# Madras Meteorological Observations. January—1863.

| January 1863 | Barometer reduced to 32° |  | Corrected Mean Temperature |  | Self Registering Thermometers |  |  |  | Deduced |  | Wind |  | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction |  |  |  |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches |  |
| 1 | 30·019 | 0·141 | 69·5 | 66·0 | 77·4 | 63·0 | ... | 57·3 | 0·594 | 82 | 71 | N E | 2 | ... | Clear. |
| 2 | 30·012 | 0·121 | 71·3 | 66·6 | 78·3 | 63·9 | ... | 61·8 | 0·591 | 77 | 111 | N E | 20 | ... | Fine. |
| 3 | 30·015 | 0·104 | 73·8 | 67·3 | 79·3 | 70·8 | ... | 67·5 | 0·583 | 70 | 162 | N E by N | 22 | ... | Fine with passing clouds. |
| 4 | 30·029 | 0·109 | 73·8 | 70·1 | 80·3 | 67·5 | ... | 66·3 | 0·688 | 82 | 155 | N N E | 43 | ... | Hazy. |
| 5 | 29·977 | 0·177 | 74·9 | 72·0 | 80·5 | 71·5 | ... | 69·8 | 0·747 | 86 | 179 | N E | 47 | ... | Fine with passing clouds. |
| 6 | 30·000 | 0·113 | 74·0 | 68·6 | 79·2 | 69·7 | ... | 66·7 | 0·628 | 74 | 150 | E N E | 30 | ... | Do. |
| 7 | 30·012 | 0·122 | 73·1 | 67·5 | 79·4 | 65·9 | ... | 61·7 | 0·602 | 74 | 139 | N E by N | 13 | ... | Fine. |
| 8 | 30·018 | 0·109 | 73·9 | 69·1 | 79·4 | 67·8 | ... | 64·6 | 0·648 | 77 | 190 | N N E | 37 | ... | Fine with passing clouds. |
| 9 | 30·023 | 0·099 | 75·5 | 69·5 | 79·7 | 72·4 | ... | 70·4 | 0·642 | 73 | 237 | N N E | 37 | ... | Do. |
| 10 | 30·050 | 0·097 | 74·2 | 69·7 | 79·7 | 69·6 | ... | 67·9 | 0·667 | 79 | 183 | N N E | 28 | ... | Do. |
| 11 | 30·074 | 0·122 | 73·7 | 67·9 | 79·5 | 68·4 | ... | 64·1 | 0·607 | 73 | 174 | N N E | 22 | ... | Fine. |
| 12 | 30·058 | 0·111 | 72·7 | 67·3 | 78·7 | 65·9 | ... | 62·1 | 0·597 | 74 | 137 | N E by N | 15 | ... | Do. |
| 13 | 30·012 | 0·144 | 70·6 | 66·0 | 77·9 | 64·7 | ... | 62·5 | 0·579 | 78 | 113 | N N E | 13 | ... | Do. |
| 14 | 30·011 | 0.111 | 71·7 | 66·3 | 77·7 | 63·6 | ... | 59·2 | 0·575 | 74 | 100 | N E | 18 | ... | Do. |
| 15 | 30·036 | 0·143 | 72·2 | 66·9 | 79·3 | 66·8 | ... | 63·6 | 0·590 | 75 | 95 | N E | 17 | ... | Do. |
| 16 | 30·032 | 0·108 | 72·7 | 67·4 | 78·9 | 65·3 | ... | 61·2 | 0·601 | 75 | 118 | N E | 8 | ... | Do. |
| 17 | 30·035 | 0·129 | 73·8 | 68·6 | 79·8 | 67·6 | ... | 64·2 | 0·630 | 75 | 118 | N E | 13 | ... | Do. |
| 18 | 30·056 | 0·102 | 72·5 | 67·6 | 80·0 | 65·9 | ... | 61·5 | 0·611 | 76 | 86 | N E by E | 10 | ... | Do. |
| 19 | 30·064 | 0·133 | 72·7 | 68·4 | 79·8 | 66·7 | ... | 63·0 | 0·638 | 79 | 91 | N E by E | 8 | ... | Do. |
| 20 | 30·026 | 0·121 | 71·9 | 67·7 | 79·2 | 66·0 | ... | — | 0·623 | 80 | 88 | E by N | 10 | ... | Do. |
| 21 | 30·023 | 0·111 | 72·7 | 68·1 | 80·2 | 65·2 | ... | 61·0 | 0·627 | 78 | 78 | East | 12 | ... | Do. |
| 22 | 30·064 | 0·089 | 74·2 | 68·7 | 79·7 | 66·8 | ... | 62·5 | 0·629 | 74 | 113 | E N E | 7 | ... | Do. |
| 23 | 30·011 | 0·121 | 74·8 | 69·5 | 79·8 | 68·8 | ... | 65·2 | 0·652 | 76 | 169 | N E by E | 20 | ... | Hazy. |
| 24 | 29·942 | 0·089 | 74·3 | 69·3 | 79·5 | 67·6 | ... | 63·9 | 0·651 | 76 | 162 | N E | 5 | ... | Clear. |
| 25 | 29·988 | 0·105 | 75·5 | 70·0 | 80·2 | 68·8 | ... | 64·1 | 0·661 | 75 | 167 | N E | 40 | ... | Fine with passiog clouds. |
| 26 | 29·998 | 0·112 | 75·9 | 72·2 | 80·5 | 72·1 | ... | 70·9 | 0·741 | 85 | 222 | N N E | 92 | ... | Overcast. |
| 27 | 29·999 | 0·108 | 73·3 | 71·8 | 75·6 | 72·5 | ... | 72·6 | 0·761 | 93 | 197 | N N E | 100 | 1·46 | Do. |
| 28 | 29·973 | 0·114 | 74·0 | 71·2 | 78·4 | 70·6 | ... | 70·4 | 0·733 | 87 | 208 | N E | 100 | 0·49 | Do. |
| 29 | 29·972 | 0·096 | 75·6 | 71·5 | 79·4 | 72·5 | ... | 71·3 | 0·718 | 82 | 164 | N E by N | 93 | ... | Do. |
| 30 | 29·970 | 0·126 | 75·3 | 70·9 | 79·7 | 69·7 | ... | 67·0 | 0·700 | 80 | 173 | N E by N | 45 | ... | Fine with passing clouds. |
| 31 | 29·990 | 0·111 | 75·8 | 71·9 | 80·8 | 70·8 | ... | 68·6 | 0·730 | 82 | 149 | N E | 60 | ... | Cloudy. |
| Mean | 30·016 | 0·116 | 73·5 | 68·9 | 79·3 | 68·0 | ... | 65·1 | 0·647 | 78 | 145 | N E | 32 | 1·95 |  |

# Madras Meteorological Observations. 1863—February.

| February 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·996 | 0·132 | 76·5 | 73·1 | 81·3 | 73·4 | ... | 70·7 | 0·770 | 85 | 182 | N E | 78 | ... | Cloudy. |
| 2 | 29·995 | 0·125 | 76·1 | 71·7 | 80·5 | 72·6 | ... | 70·6 | 0·719 | 80 | 148 | N E | 37 | ... | Fine with passing clouds. |
| 3 | 29·948 | 0·145 | 74·1 | 70·3 | 79·4 | 69·0 | ... | 65·9 | 0·692 | 82 | 109 | N E | 22 | ... | Fine. |
| 4 | 29·920 | 0·130 | 73·6 | 70·2 | 80·4 | 67·7 | ... | 62·4 | 0·694 | 84 | 65 | E N E | 10 | ... | Do. |
| 5 | 29·914 | 0·125 | 73·8 | 70·5 | 81·0 | 66·7 | ... | 62·1 | 0·704 | 85 | 64 | E N E | 15 | ... | Do. |
| 6 | 29·940 | 0·113 | 73·1 | 69·4 | 81·6 | 66·8 | ... | 62·6 | 0·670 | 82 | 84 | E N E | 2 | ... | Clear. |
| 7 | 29·965 | 0·133 | 74·3 | 70·7 | 80·3 | 67·4 | ... | 63·7 | 0·705 | 84 | 98 | N E by E | 40 | ... | Fine with passing clouds. |
| 8 | 29·924 | 0·128 | 74·4 | 71·1 | 82·2 | 68·6 | ... | 65·5 | 0·719 | 85 | 96 | N E | 43 | ... | Do. |
| 9 | 29·892 | 0·145 | 75·5 | 71·9 | 82·3 | 68·5 | ... | 63·5 | 0·735 | 84 | 92 | N E | 33 | ... | Do. |
| 10 | 29·881 | 0·142 | 75·9 | 72·1 | 82·3 | 69·5 | ... | 64·7 | 0·738 | 83 | 67 | E by S | 45 | ... | Do. |
| 11 | 29·907 | 0·120 | 76·5 | 72·5 | 81·7 | 69·4 | ... | 63·1 | 0·746 | 82 | 110 | S E | 18 | ... | Hazy. |
| 12 | 29·933 | 0·116 | 78·3 | 74·7 | 83·4 | 72·4 | ... | 67·8 | 0·813 | 84 | 99 | E by S | 48 | ... | Fine with passing clouds. |
| 13 | 29·923 | 0·143 | 78·3 | 74·1 | 82·8 | 74·4 | ... | 69·7 | 0·787 | 81 | 139 | East | 32 | ... | Do. |
| 14 | 29·897 | 0·143 | 76·8 | 73·4 | 83·4 | 72·3 | ... | 65·8 | 0·778 | 84 | 122 | S E | 8 | ... | Fine. |
| 15 | 29·902 | 0·142 | 77·6 | 73·5 | 83·2 | 71·4 | ... | 67·1 | 0·772 | 82 | 133 | S E by S | 5 | ... | Do. |
| 16 | 29·873 | 0·126 | 77·1 | 73·0 | 85·0 | 71·8 | ... | 68·0 | 0·758 | 82 | 120 | S E by S | 40 | ... | Hazy. |
| 17 | 29·878 | 0·135 | 76·9 | 72·3 | 83·7 | 70·4 | ... | 66·2 | 0·733 | 79 | 100 | S S E | 20 | ... | Fine. |
| 18 | 29·920 | 0·097 | 77·3 | 72·0 | 83·2 | 70·3 | ... | 65·4 | 0·716 | 76 | 89 | E S E | 22 | ... | Hazy. |
| 19 | 29·955 | 0·119 | 76·9 | 71·2 | 81·7 | 69·9 | ... | 64·5 | 0·688 | 74 | 161 | N E | 48 | ... | Fine with passing clouds. |
| 20 | 29·986 | 0·085 | 79·7 | 73·6 | 83·4 | 76·5 | ... | 71·3 | 0·748 | 74 | 219 | N E by N | 90 | ... | Overcast. |
| 21 | 29·964 | 0·112 | 79·5 | 74·7 | 84·0 | 76·3 | ... | 73·5 | 0·796 | 79 | 191 | N E | 88 | ... | Cloudy. |
| 22 | 29·977 | 0·107 | 78·2 | 72·6 | 82·2 | 74·5 | ... | 69·8 | 0·727 | 76 | 170 | N E by E | 50 | ... | Fine with passing clouds. |
| 23 | 29·999 | 0·104 | 77·6 | 72·2 | 82·5 | 72·5 | ... | 68·0 | 0·718 | 75 | 148 | N E | 53 | ... | Hazy. |
| 24 | 30·023 | 0·140 | 74·5 | 68·4 | 80·5 | 66·7 | ... | 59·3 | 0·615 | 72 | 131 | N E by E | 10 | ... | Fine. |
| 25 | 29·995 | 0·118 | 73·3 | 66·9 | 80·2 | 65·3 | ... | 57·9 | 0·576 | 70 | 124 | N E | 5 | ... | Do. |
| 26 | 29·993 | 0·128 | 72·5 | 67·1 | 80·4 | 65·0 | ... | 57·9 | 0·592 | 74 | 80 | E N E | 12 | ... | Light haze. |
| 27 | 22·960 | 0·129 | 73·2 | 68·7 | 80·7 | 65·3 | ... | 58·2 | 0·643 | 79 | 83 | E N E | 3 | ... | Clear. |
| 28 | 29·942 | 0·119 | 74·1 | 69·7 | 81·2 | 65·1 | ... | 57·3 | 0·669 | 79 | 92 | E N E | 10 | ... | Light haze. |
| | | | | | ... | | | | | | | ... | | | |
| | | | | | ... | | | | | | | ... | | | |
| | | | | | ... | | | | | | | ... | | | |
| Mean | 29·943 | 0·125 | 75·9 | 71·5 | 81·9 | 70·0 | ... | 65·1 | 0·715 | 80 | 118 | E by N | 32 | ... | |

# Madras Meteorological Observations. 1863—March.

| March 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·917 | 0·142 | 75·2 | 70·8 | 84·9 | 68·2 | ... | 61·5 | 0·695 | 79 | 82 | S E | 23 | ... | Fine. |
| 2 | 79·861 | 0·164 | 76·1 | 71·2 | 84·8 | 68·3 | ... | 61·9 | 0·699 | 77 | 103 | S E | 0 | ... | Clear. |
| 3 | 29·811 | 0·146 | 77·8 | 72·9 | 86·1 | 68·4 | ... | 61·4 | 0·744 | 78 | 127 | S S E | 13 | ... | Fine. |
| 4 | 29·833 | 0·135 | 79·4 | 74·1 | 86·0 | 71·7 | ... | 66·4 | 0·773 | 77 | 138 | S S E | 15 | ... | Do. |
| 5 | 29·895 | 0·114 | 78·7 | 72·1 | 84·9 | 71·3 | ... | 65·1 | 0·701 | 72 | 111 | S E | 8 | ... | Do. |
| 6 | 29·903 | 0·116 | 77·3 | 70·5 | 84·4 | 69·3 | ... | 63·9 | 0·656 | 70 | 88 | E by S | 8 | ... | Do. |
| 7 | 29·874 | 0·143 | 77·8 | 70·2 | 85·5 | 68·7 | ... | 62·5 | 0·638 | 67 | 91 | E by S | 0 | ... | Clear. |
| 8 | 29·923 | 0·122 | 77·1 | 70·1 | 83·2 | 69·4 | ... | 63·7 | 0·644 | 69 | 98 | East | 17 | ... | Fine. |
| 9 | 29·951 | 0·124 | 78·5 | 72·2 | 84·8 | 71·1 | ... | 67·6 | 0·707 | 73 | 107 | East | 13 | ... | Do. |
| 10 | 29·917 | 0·134 | 79·9 | 74·4 | 86·2 | 72·3 | ... | 68·3 | 0·778 | 76 | 102 | East | 28 | ... | Fine with passing clouds. |
| 11 | 29·867 | 0·136 | 80·2 | 75·5 | 86·3 | 74·2 | ... | 70·7 | 0·820 | 79 | 101 | E S E | 37 | ... | Cloudy. |
| 12 | 29·835 | 0·143 | 81·9 | 76·2 | 88·5 | 75·5 | ... | 72·0 | 0·828 | 76 | 110 | S S E | 30 | ... | Cloudy : lg. S. W. |
| 13 | 29·811 | 0·133 | 82·4 | 76·4 | 87·8 | 75·9 | ... | 72·3 | 0·830 | 75 | 130 | S E by S | 8 | ... | Fine. |
| 14 | 29·835 | 0·115 | 82·1 | 76·7 | 88·8 | 75·6 | ... | 72·3 | 0·848 | 77 | 137 | S S E | 13 | ... | Fine : lg. W. |
| 15 | 29·901 | 0·115 | 82·2 | 76·5 | 88·1 | 76·1 | ... | 71·9 | 0·837 | 76 | 91 | S E | 32 | ... | Fine with passing clouds. |
| 16 | 29·949 | 0·113 | 79·1 | 75·6 | 84·8 | 75·3 | ... | 73·3 | 0·840 | 85 | 52 | E S E | 57 | 0·65 | Cloudy. |
| 17 | 29·869 | 0·140 | 81·3 | 75·6 | 86·3 | 75·5 | ... | 71·5 | 0·810 | 76 | 75 | S E | 20 | ... | Fine with passing clouds. |
| 18 | 29·879 | 0·109 | 81·2 | 75·2 | 87·1 | 75·3 | ... | 71·9 | 0·795 | 74 | 83 | S E | 10 | ... | Fine. |
| 19 | 29·940 | 0·113 | 81·1 | 75·2 | 86·1 | 75·3 | ... | 71·2 | 0·796 | 74 | 71 | S E | 50 | ... | Fine : th. and lg. S. |
| 20 | 29·941 | 0·105 | 81·1 | 75·8 | 87·3 | 74·7 | ... | 71·6 | 0·821 | 77 | 79 | S S E | 37 | 0·02 | Fine with passing clouds. |
| 21 | 29·943 | 0·156 | 81·0 | 76·0 | 85·5 | 76·7 | ... | 72·8 | 0·831 | 78 | 65 | S E | 78 | ... | Cloudy. |
| 22 | 29·936 | 0·111 | 80·5 | 74·3 | 86·2 | 76·5 | ... | 74·1 | 0·766 | 73 | 127 | N E by E | 87 | ... | Do. |
| 23 | 29·929 | 0·126 | 81·4 | 75·5 | 87·3 | 75·3 | ... | 72·0 | 0·805 | 75 | 54 | East | 28 | ... | Fine with passing clouds. |
| 24 | 29·945 | 0·139 | 80·9 | 75·4 | 87·5 | 74·6 | ... | 70·3 | 0·807 | 76 | 59 | S E | 8 | ... | Fine. |
| 25 | 29·926 | 0·108 | 81·2 | 75·2 | 88·2 | 73·6 | ... | 68·8 | 0·794 | 74 | 68 | S E by S | 8 | ... | Do. |
| 26 | 29·914 | 0·113 | 80·3 | 74·0 | 87·9 | 72·7 | ... | 68·2 | 0·756 | 73 | 66 | S S E | 3 | ... | Do. |
| 27 | 29·875 | 0·120 | 79·9 | 74·6 | 87·6 | 72·8 | ... | 66·7 | 0·787 | 77 | 58 | S E | 3 | ... | Do. |
| 28 | 29·867 | 0·110 | 80·8 | 74·4 | 88·4 | 72·5 | ... | 67·0 | 0·766 | 72 | 88 | S S E | 8 | ... | Do. |
| 29 | 29·876 | 0·124 | 81·8 | 76·4 | 89·1 | 73·9 | ... | 68·6 | 0·838 | 77 | 116 | S S E | 5 | ... | Do. |
| 30 | 29·868 | 0·128 | 81·9 | 75·6 | 88·4 | 74·5 | ... | 70·6 | 0·800 | 74 | 116 | S by E | 8 | ... | Do. |
| 31 | 29·866 | 0·156 | 81·2 | 75·7 | 88·5 | 74·2 | ... | 68·1 | 0·816 | 77 | 115 | South | 20 | ... | Light haze. |
| Mean | 29·892 | 0·127 | 80·0 | 74·3 | 86·7 | 73·2 | ... | 68·7 | 0·775 | 75 | 94 | S E | 22 | 0·67 | |

## Madras Meteorological Observations, 1863—April.

| April 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·860 | 0·149 | 82·0 | 75·5 | 89·2 | 74·1 | ... | 69·8 | 0·796 | 73 | 121 | South | 12 | ... | Light haze. |
| 2 | 29·813 | 0·151 | 83·3 | 76·8 | 92·4 | 75·7 | ... | 71·8 | 0·835 | 73 | 165 | South | 8 | ... | Fine. |
| 3 | 29·747 | 0·141 | 83·5 | 77·2 | 91·7 | 75·7 | ... | 71·7 | 0·850 | 74 | 189 | South | 13 | ... | Hazy. |
| 4 | 29·709 | 0·162 | 84·5 | 78·1 | 91·3 | 77·9 | ... | 71·9 | 0·876 | 74 | 205 | S S W | 28 | ... | Do. |
| 5 | 29·754 | 0·102 | 84·6 | 78·2 | 91·9 | 78·7 | ... | 74·5 | 0·879 | 74 | 205 | South | 25 | ... | Do. |
| 6 | 29·752 | 0·133 | 85·8 | 78·6 | 93·4 | 78·9 | ... | 75·1 | 0·875 | 71 | 217 | S by W | 30 | ... | Hazy : lg. N. W. |
| 7 | 29·735 | 0·163 | 85·9 | 79·3 | 96·9 | 79·1 | ... | 76·0 | 0·913 | 74 | 208 | S S W | 18 | ... | Do. |
| 8 | 29·757 | 0·131 | 86·1 | 79·7 | 94·6 | 79·6 | ... | 76·6 | 0·928 | 72 | 221 | South | 5 | ... | Fine. |
| 9 | 29·835 | 0·099 | 85·2 | 79·4 | 92·1 | 79·7 | ... | 77·5 | 0·918 | 76 | 189 | South | 12 | ... | Do. |
| 10 | 29·861 | 0·148 | 84·5 | 78·0 | 91·7 | 78·1 | ... | 73·9 | 0·872 | 74 | 131 | S S E | 8 | ... | Do. |
| 11 | 29·828 | 0·155 | 83·6 | 77·6 | 90·9 | 75·7 | ... | 71·6 | 0·867 | 75 | 124 | S S E | 3 | ... | Do. |
| 12 | 29·793 | 0·174 | 84·1 | 77·4 | 91·0 | 76·3 | ... | 72·1 | 0·850 | 73 | 145 | S E by S | 10 | ... | Do. |
| 13 | 29·768 | 0·141 | 85·2 | 78·0 | 92·4 | 77·5 | ... | 74·2 | 0·863 | 71 | 160 | S E | 10 | ... | Do. |
| 14 | 29·790 | 0·120 | 85·5 | 78·8 | 92·6 | 78·3 | ... | 74·4 | 0·896 | 73 | 148 | S E by S | 10 | ... | Do. |
| 15 | 29·816 | 0·148 | 85·3 | 78·7 | 02·3 | 78·7 | ... | 75·1 | 0·893 | 74 | 63 | E S E | 17 | ... | Light clouds. |
| 16 | 29·812 | 0·090 | 84·8 | 78·2 | 91·5 | 80·5 | ... | 77·2 | 0·877 | 74 | 100 | E S E | 35 | ... | Fine with passing clouds : lg. S. W. |
| 17 | 29·806 | 0·124 | 85·2 | 77·7 | 91·3 | 79·1 | ... | 76·8 | 0·850 | 70 | 83 | S E | 17 | ... | Fine with passing clouds. |
| 18 | 29·790 | 0·109 | 85·3 | 78·6 | 92·5 | 77·7 | ... | 74·3 | 0·889 | 73 | 53 | E S E | 38 | ... | Do. do. |
| 19 | 29·775 | 0·122 | 85·6 | 78·9 | 91·3 | 80·3 | ... | 76·7 | 0·899 | 73 | 79 | E by S | 48 | ... | Cloudy : th. and lg. N. |
| 20 | 29·791 | 0·158 | 83·4 | 77·7 | 90·1 | 78·7 | ... | 77·1 | 0·874 | 76 | 71 | E by S | 80 | 0·20 | Cloudy. |
| 21 | 29·813 | 0·151 | 77·6 | 75·6 | 82·5 | 75·5 | ... | 73·9 | 0·860 | 91 | 68 | E S E | 100 | 1·71 | Overcast : th. and lg. |
| 22 | 29·832 | 0·102 | 78·1 | 76·1 | 83·1 | 74·7 | ... | 73·0 | 0·875 | 91 | 82 | S S E | 100 | 0·60 | Overcast. |
| 23 | 29·841 | 0·117 | 80·5 | 77·2 | 86·9 | 75·3 | ... | 73·9 | 0·891 | 86 | 90 | S S E | 60 | 0·41 | Cloudy. |
| 24 | 29·823 | 0·145 | 78·6 | 76·1 | 87·0 | 74·9 | ... | 73·6 | 0·868 | 89 | 119 | S S E | 75 | 2·10 | Th. : lg. and rain. |
| 25 | 29·778 | 0·158 | 79·9 | 76·2 | 90·6 | 73·7 | ... | 72·1 | 0·855 | 84 | 98 | S S W | 57 | 0·03 | Cloudy : th. |
| 26 | 29·780 | 0·134 | 83·9 | 77·4 | 91·1 | 76·3 | ... | 75·0 | 0·853 | 73 | 104 | S S E | 22 | ... | Fine with passing clouds : lg. |
| 27 | 29·765 | 0·120 | 85·4 | 80·3 | 94·0 | 79·0 | ... | 76·5 | 0·967 | 79 | 108 | S by E | 13 | ... | Fine : lg. W. |
| 28 | 29·778 | 0·128 | 85·2 | 79·5 | 96·8 | 79·6 | ... | 77·5 | 0·928 | 77 | 123 | Sonth | 27 | ... | Fine with p. cl. : th. and lg. N. W. |
| 29 | 29·753 | 0·146 | 86·3 | 79·7 | 96·8 | 77·9 | ... | 76·6 | 0·926 | 74 | 141 | S by W | 20 | ... | Fine : lg. S. W. |
| 30 | 29·745 | 0·140 | 87·8 | 80·0 | 98·9 | 80·9 | ... | 78·7 | 0·920 | 70 | 164 | S by W | 27 | ... | Fine with passing clouds. |
| Mean | 29·790 | 0·135 | 83·9 | 78·0 | 91·6 | 77·6 | ... | 74·6 | 0·881 | 76 | 132 | S S E | 31 | 5·05 | |

# Madras Meteorological Observations. 1863—May.

| May 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction Points | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·747 | 0·133 | 88·4 | 80·3 | 98·5 | 81·6 | ... | 78·2 | 0·926 | 69 | 151 | S by W | 10 | ... | Fine. |
| 2 | 29·758 | 0·146 | 87·2 | 81·3 | 98·1 | 81·3 | ... | 78·2 | 0·992 | 76 | 173 | South | 0 | ... | Clear. |
| 3 | 29·741 | 0·136 | 86·9 | 80·4 | 96·7 | 80·7 | ... | 76·9 | 0·951 | 74 | 160 | South | 0 | ... | Do. |
| 4 | 29·750 | 0·155 | 86·5 | 78·7 | 95·4 | 79·5 | ... | 75·1 | 0·877 | 69 | 231 | South | 0 | ... | Do. |
| 5 | 29·734 | 0·141 | 86·7 | 79·1 | 93·7 | 79·5 | ... | 76·7 | 0·893 | 70 | 219 | S by E | 3 | ... | Do. |
| 6 | 29·731 | 0·108 | 86·3 | 79·6 | 94·5 | 79·7 | ... | 76·1 | 0·922 | 73 | 245 | S by E | 0 | ... | Do. |
| 7 | 29·758 | 0·127 | 86·5 | 80·0 | 94·5 | 80·3 | ... | 77·8 | 0·937 | 74 | 228 | S by E | 3 | ... | Clear : lg. S. W. |
| 8 | 29·696 | 0·161 | 87·9 | 80·4 | 96·2 | 81·3 | ... | 78·9 | 0·938 | 71 | 211 | South | 13 | ... | Fine : lg. S. W. |
| 9 | 29·700 | 0·100 | 87·9 | 78·5 | 98·2 | 80·5 | ... | 75·7 | 0·850 | 65 | 183 | South | 17 | ... | Fine with passing clouds : lg. S. W. |
| 10 | 29·704 | 0·119 | 87·9 | 80·2 | 94·7 | 81·9 | ... | 78·5 | 0·928 | 70 | 194 | S by E | 18 | ... | Do. do. |
| 11 | 29·696 | 0·139 | 86·9 | 80·4 | 92·7 | 81·4 | ... | 78·7 | 0·951 | 74 | 174 | S S E | 37 | ... | Do. do. |
| 12 | 29·692 | 0·107 | 87·1 | 81·9 | 92·3 | 82·2 | ... | 79·3 | 0·021 | 79 | 124 | S E | 38 | ... | Do. do. |
| 13 | 29·696 | 0·096 | 86·1 | 79·6 | 94·4 | 80·7 | ... | 77·7 | 0·924 | 74 | 79 | E S E | 82 | ... | Cloudy. |
| 14 | 29·707 | 0·105 | 85·8 | 79·5 | 92·2 | 79·7 | ... | 76·3 | 0·922 | 75 | 74 | E by S | 97 | ... | Overcast : lg. S. W. |
| 15 | 29·712 | 0·103 | 85·4 | 80·3 | 92·9 | 81·6 | ... | 78·6 | 0·967 | 79 | 81 | E N E | 65 | ... | Cloudy. |
| 16 | 29·713 | 0·131 | 85·9 | 80·4 | 92·2 | 81·3 | ... | 79·0 | 0·965 | 78 | 76 | S E by E | 42 | 0·12 | Fine with passing clouds : lg. S. W. |
| 17 | 29·680 | 0·133 | 86·9 | 79·6 | 93·4 | 80·3 | ... | 76·7 | 0·914 | 71 | 141 | S E | 25 | ... | Fine. |
| 18 | 29·653 | 0·134 | 87·4 | 80·9 | 94·4 | 81·0 | ... | 77·9 | 0·968 | 74 | 178 | S S E | 42 | ... | Hazy. |
| 19 | 29·683 | 0·096 | 87·1 | 78·4 | 95·5 | 81·5 | ... | 78·7 | 0·855 | 66 | 169 | South | 43 | ... | Fine with passing clouds : lg. S. |
| 20 | 29·692 | 0·109 | 87·2 | 78·0 | 98·4 | 80·9 | ... | 77·6 | 0·836 | 65 | 192 | S S W | 40 | ... | Fine with passing clouds. |
| 21 | 29·709 | 0·120 | 88·3 | 78·2 | 99·5 | 81·7 | ... | 78·6 | 0·830 | 62 | 207 | S S W | 27 | ... | Fine. |
| 22 | 29·739 | 0·121 | 86·3 | 77·5 | 95·2 | 80·0 | ... | 76·7 | 0·826 | 64 | 191 | South | 68 | ... | Fine with passing clouds. |
| 23 | 29·737 | 0·146 | 87·4 | 76·9 | 99·3 | 80·5 | ... | 77·5 | 0·784 | 60 | 173 | S S W | 52 | ... | Hazy. |
| 24 | 29·753 | 0·109 | 87·8 | 77·0 | 97·1 | 81·2 | ... | 77·7 | 0·785 | 59 | 155 | S S W | 33 | ... | Fine with passing clouds. |
| 25 | 29·776 | 0·112 | 87·7 | 78·3 | 96·0 | 79·9 | ... | 75·6 | 0·843 | 64 | 153 | South | 20 | ... | Fine. |
| 26 | 29·774 | 0·093 | 86·5 | 76·4 | 98·7 | 80·4 | ... | 75·5 | 0·775 | 61 | 144 | S S W | 42 | ... | Fine with passing clouds. |
| 27 | 29·735 | 0·139 | 88·1 | 77·2 | 101·4 | 79·7 | ... | 76·1 | 0·787 | 59 | 168 | S W by S | 35 | ... | Do. |
| 28 | 29·706 | 0·138 | 89·1 | 78·0 | 100·6 | 80·6 | ... | 77·8 | 0·810 | 59 | 173 | S by W | 23 | ... | Hazy. |
| 29 | 29·691 | 0·135 | 89·2 | 79·0 | 100·9 | 81·6 | ... | 79·4 | 0·854 | 62 | 189 | South | 40 | ... | Fine with passing clouds. |
| 30 | 29·663 | 0·141 | 90·6 | 77·0 | 99·8 | 82·4 | ... | 80·4 | 0·745 | 52 | 185 | South | 47 | ... | Hazy. |
| 31 | 29·631 | 0·131 | 89·7 | 77·2 | 101·4 | 84·7 | ... | 81·3 | 0·766 | 55 | 213 | S S W | 70 | ... | Cloudy : th. and lg. N. and N. W. |
| Mean | 29·715 | 0·125 | 87·4 | 79·0 | 96·4 | 81·0 | ... | 77·7 | 0·882 | 68 | 169 | S by E | 33 | 0·12 | |

# Madras Meteorological Observations. 1863—June.

| June 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers: Dry | | Sun | Grass | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·630 | 0·135 | 89·0 | 78·6 | 102·0 | 81·4 | ... | 77·9 | 0·838 | 61 | 171 | S W | 30 | ... | Fine with passing clouds. |
| 2 | 29·653 | 0·114 | 88·1 | 78·0 | 95·5 | 81·2 | ... | 76·4 | 0·824 | 62 | 190 | S by W | 17 | ... | Fine. |
| 3 | 29·629 | 0·116 | 87·7 | 78·6 | 98·0 | 80·3 | ... | 76·7 | 0·857 | 66 | 206 | South | 18 | ... | Fine : lg. W. |
| 4 | 29·662 | 0·110 | 90·5 | 77·6 | 101·3 | 82·4 | ... | 77·5 | 0·773 | 54 | 176 | S W by S | 27 | ... | Fine with passing clouds : th. N. W. |
| 5 | 29·694 | 0·114 | 89·9 | 77·0 | 103·0 | 82·2 | ... | 77·7 | 0·782 | 53 | 221 | S S W | 60 | ... | Cloudy. |
| 6 | 29·713 | 0·052 | 88·4 | 77·2 | 98·2 | 84·4 | ... | 80·4 | 0·784 | 58 | 181 | S S W | 87 | ... | Do. |
| 7 | 29·724 | 0·106 | 87·7 | 76·1 | 96·4 | 81·8 | ... | 78·6 | 0·746 | 57 | 199 | S W by S | 95 | ... | Overcast : lg. N. W. |
| 8 | 29·743 | 0·114 | 84·5 | 76·4 | 95·3 | 78·8 | ... | 74·2 | 0·802 | 68 | 137 | S S W | 92 | 0·12 | Cloudy : lg. |
| 9 | 29·760 | 0·112 | 85·7 | 77·8 | 96·4 | 79·4 | ... | 76·0 | 0·847 | 68 | 139 | S S W | 60 | ... | Cloudy : lg. S. W. |
| 10 | 29·756 | 0·128 | 87·4 | 78·1 | 98·2 | 80·2 | ... | 75·9 | 0·837 | 64 | 156 | S by W | 13 | ... | Fine : lg. S. W. |
| 11 | 29·727 | 0·144 | 87·8 | 78·0 | 100·9 | 79·5 | ... | 75·9 | 0·828 | 63 | 154 | S S W | 50 | ... | Hazy : lg. S. W. |
| 12 | 29·717 | 0·142 | 84·7 | 78·5 | 94·3 | 77·9 | ... | 74·9 | 0·893 | 75 | 146 | W S W | 97 | 0·15 | Overcast. |
| 13 | 29·734 | 0·102 | 86·3 | 76·3 | 97·4 | 80·6 | ... | 77·9 | 0·773 | 61 | 136 | S S W | 87 | 0·12 | Cloudy : lg. |
| 14 | 29·708 | 0·159 | 86·7 | 76·5 | 97·2 | 79·4 | ... | 74·9 | 0·778 | 61 | 160 | W S W | 73 | 0·07 | Cloudy. |
| 15 | 29·676 | 0·142 | 84·4 | 75·8 | 92·4 | 78·6 | ... | 76·3 | 0·777 | 66 | 152 | S W | 100 | ... | Overcast. |
| 16 | 29·728 | 0·121 | 80·3 | 74·1 | 85·9 | 77·4 | ... | 74·0 | 0·760 | 73 | 114 | W S W | 100 | 0·12 | Do. |
| 17 | 29·694 | 0·105 | 84·7 | 75·0 | 95·0 | 76·6 | ... | 73·7 | 0·732 | 62 | 162 | S W | 97 | ... | Do. |
| 18 | 29·679 | 0·120 | 87·7 | 74·4 | 96·1 | 79·4 | ... | 76·4 | 0·673 | 51 | 189 | S W | 87 | ... | Cloudy. |
| 19 | 29·677 | 0·144 | 89·2 | 73·9 | 96·1 | 82·2 | ... | 78·9 | 0·628 | 46 | 230 | W S W | 90 | ... | Do. |
| 20 | 29·666 | 0·140 | 88·5 | 74·5 | 94·1 | 83·2 | ... | 77·9 | 0·666 | 50 | 237 | S W by W | 93 | ... | Do. |
| 21 | 29·651 | 0·120 | 89·2 | 74·1 | 97·2 | 81·2 | ... | 76·9 | 0·641 | 47 | 209 | S W by S | 82 | ... | Thick haze. |
| 22 | 29·678 | 0·104 | 88·9 | 75·6 | 99·4 | 82·2 | ... | 75·2 | 0·707 | 52 | 215 | S W | 80 | ... | Hazy : lg. N. |
| 23 | 29·713 | 0·135 | 88·0 | 76·0 | 100·2 | 81·9 | ... | 77·6 | 0·737 | 56 | 184 | S W | 63 | ... | Hazy. |
| 24 | 29·734 | 0·153 | 85·2 | 76·5 | 98·2 | 78·8 | ... | 79·6 | 0·796 | 64 | 215 | S W | 73 | 0·30 | Do. |
| 25 | 29·698 | 0·146 | 86·7 | 75·9 | 100·0 | 76·6 | ... | 75·0 | 0·750 | 59 | 181 | S S W | 70 | 0·18 | Cloudy : th. and lg. |
| 26 | 29·679 | 0·128 | 87·3 | 74·0 | 94·8 | 79·4 | ... | 76·8 | 0·662 | 51 | 212 | W S W | 75 | ... | Cloudy. |
| 27 | 29·647 | 0·144 | 87·8 | 74·5 | 97·3 | 81·5 | ... | 78·8 | 0·676 | 51 | 206 | S W by W | 87 | ... | Do. |
| 28 | 29·657 | 0·130 | 86·6 | 77·0 | 98·2 | 81·2 | ... | 76·9 | 0·806 | 63 | 193 | S S W | 77 | ... | Do. |
| 29 | 29·681 | 0·132 | 86·5 | 76·9 | 99·5 | 80·4 | ... | 76·7 | 0·806 | 63 | 196 | S S W | 60 | 0·01 | Fine with passing clouds. |
| 30 | 29·693 | 0·135 | 87·6 | 77·1 | 100·1 | 81·7 | ... | 78·5 | 0·790 | 60 | 206 | S W by S | 52 | ... | Do. |
| Mean | 29·693 | 0·125 | 87·1 | 76·3 | 97·3 | 80·4 | ... | 76·8 | 0·766 | 60 | 182 | S W by S | 70 | 1·07 | |

# Madras Meteorological Observations. 1863—July.

| July 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents. | Inches | |
| 1 | 29·698 | 0·095 | 86·4 | 76·2 | 100·1 | 81·8 | ... | 78·7 | 0·767 | 61 | 217 | S W by W | 58 | 0·10 | Hazy. |
| 2 | 29·671 | 0·138 | 87·6 | 75·9 | 100·1 | 79·4 | ... | 75·6 | 0·738 | 57 | 193 | S W | 70 | 0·07 | Cloudy. |
| 3 | 29·667 | 0·144 | 89·9 | 75·3 | 99·1 | 80·9 | ... | 76·6 | 0·682 | 48 | 180 | S W by W | 62 | ... | Fine with passing clouds. |
| 4 | 29·697 | 0·103 | 85·7 | 76·5 | 99·3 | 82·4 | ... | 78·6 | 0·790 | 64 | 201 | S W | 70 | 0·34 | Cloudy. |
| 5 | 29·721 | 0·113 | 85·6 | 75·5 | 98·8 | 80·4 | ... | 77·6 | 0·749 | 60 | 177 | S S W | 73 | 0·03 | Cloudy: lg. N. E. |
| 6 | 29·688 | 0·128 | 84·7 | 75·7 | 97·9 | 79·6 | ... | 75·6 | 0·768 | 64 | 142 | S S W | 85 | 0·14 | Do. |
| 7 | 29·661 | 0·091 | 81·6 | 75·7 | 90·5 | 76·9 | ... | 75·3 | 0·811 | 75 | 136 | S W | 100 | 0·34 | Overcast: th. and lg. |
| 8 | 29·638 | 0·091 | 81·0 | 76·3 | 91·9 | 75·7 | ... | 73·6 | 0·844 | 79 | 101 | S W by W | 93 | 0·04 | Do. |
| 9 | 29·673 | 0·086 | 80·4 | 76·2 | 93·1 | 76·5 | ... | 75·6 | 0·848 | 81 | 137 | S S W | 83 | 2·25 | Cloudy: rain. |
| 10 | 29·721 | 0·109 | 82·0 | 70·5 | 91·1 | 75·6 | ... | 74·8 | 0·840 | 77 | 150 | South | 85 | 0·11 | Cloudy: heavy thunderstorm. |
| 11 | 29·733 | 0·143 | 83·1 | 77·7 | 91·3 | 76·6 | ... | 73·7 | 0·878 | 77 | 131 | S S W | 50 | 0·36 | Cloudy: lg. |
| 12 | 29·759 | 0·112 | 82·1 | 76·1 | 91·9 | 75·3 | ... | 74·2 | 0·821 | 75 | 120 | S W by W | 45 | 0·13 | Fine with passing clouds. |
| 13 | 29·770 | 0·122 | 84·4 | 77·1 | 92·2 | 78·5 | ... | 74·6 | 0·833 | 71 | 125 | South | 40 | ... | Do. |
| 14 | 29·792 | 0·133 | 82·9 | 78·1 | 92·4 | 78·4 | ... | 73·6 | 0·898 | 80 | 105 | South | 67 | ... | Cloudy: lg. W. |
| 15 | 29·786 | 0·090 | 78·3 | 74·7 | 82·3 | 73·2 | ... | 70·5 | 0·813 | 84 | 132 | W S W | 100 | 2·39 | Overcast with rain. |
| 16 | 29·774 | 0·118 | 83·6 | 76·4 | 91·0 | 77·1 | ... | 74·6 | 0·814 | 70 | 136 | S S W | 57 | ... | Hazy. |
| 17 | 29·762 | 0·111 | 83·7 | 75·1 | 93·1 | 77·1 | ... | 74·0 | 0·757 | 65 | 144 | S W by W | 70 | ... | Do. |
| 18 | 29·714 | 0·140 | 84·7 | 74·7 | 94·5 | 77·1 | ... | 70·7 | 0·726 | 61 | 162 | W S W | 50 | ... | Do. |
| 19 | 29·657 | 0·107 | 84·9 | 75·8 | 95·3 | 77·2 | ... | 73·7 | 0·770 | 64 | 155 | S W | 50 | ... | Fine with passing clouds. |
| 20 | 29·671 | 0·095 | 84·6 | 75·8 | 92·9 | 77·5 | ... | 70·1 | 0·774 | 63 | 159 | S S W | 22 | ... | Fine. |
| 21 | 29·657 | 0·123 | 86·8 | 76·6 | 95·0 | 81·4 | ... | 77·1 | 0·779 | 61 | 163 | S W | 47 | ... | Fine with passing clouds. |
| 22 | 29·663 | 0·102 | 83·1 | 76·5 | 89·7 | 77·6 | ... | 74·8 | 0·825 | 73 | 138 | West | 92 | 0·13 | Cloudy. |
| 23 | 29·666 | 0·095 | 78·5 | 75·3 | 83·1 | 75·6 | ... | 73·9 | 0·835 | 85 | 156 | S W by S | 93 | 0·54 | Do. |
| 24 | 29·655 | 0·101 | 82·3 | 75·5 | 89·1 | 76·4 | ... | 73·8 | 0·794 | 72 | 141 | S W by W | 100 | 0·02 | Overcast. |
| 25 | 29·634 | 0·114 | 84.3 | 74·6 | 90·9 | 78·2 | ... | 75·2 | 0·727 | 62 | 186 | W by S | 93 | ... | Cloudy. |
| 26 | 29·658 | 0·113 | 84·0 | 75·1 | 90·8 | 79·4 | ... | 75·8 | 0·752 | 64 | 130 | W S W | 100 | ... | Overcast. |
| 27 | 29·668 | 0·118 | 84·3 | 74·6 | 91·8 | 78·6 | ... | 73·6 | 0·727 | 62 | 162 | W by S | 88 | 0·06 | Cloudy: lg. E. |
| 28 | 29·689 | 0·121 | 85·0 | 75·4 | 94·3 | 78·2 | ... | 73·3 | 0·752 | 62 | 173 | S W | 70 | ... | Do. |
| 29 | 29·732 | 0·131 | 85·6 | 75·6 | 94·3 | 78·4 | ... | 73·7 | 0·752 | 61 | 134 | S S W | 70 | ... | Do. |
| 30 | 29·721 | 0·131 | 85·6 | 77·3 | 96·0 | 78·9 | ... | 74·0 | 0·826 | 67 | 141 | S by W | 73 | 0·02 | Cloudy: th. and lg. |
| 31 | 29·738 | 0·127 | 86·7 | 76·0 | 96·0 | 78·6 | ... | 74·9 | 0·754 | 61 | 167 | S W by S | 58 | ... | Fine with passing clouds. |
| Mean | 29·701 | 0·114 | 84·0 | 75·9 | 93·2 | 78·0 | ... | 74·6 | 0·789 | 68 | 151 | S W. | 71 | 7·07 | |

## Madras Meteorological Observations. 1863—August.

| August 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·774 | 0·108 | 85·8 | 76·9 | 94·5 | 78·6 | ... | 72·8 | 0·805 | 65 | 168 | S S W | 52 | 0·01 | Fine with passing clouds. |
| 2 | 29·788 | 0·143 | 84·1 | 75·5 | 96·4 | 77·4 | ... | 73·6 | 0·768 | 66 | 151 | SW by S | 62 | ... | Fine: th. and lg. |
| 3 | 29·748 | 0·123 | 84·4 | 76·3 | 95·2 | 76·6 | ... | 72·8 | 0·799 | 68 | 174 | S W | 70 | ... | Cloudy. |
| 4 | 29·743 | 0·081 | 82·2 | 74·8 | 92·0 | 77·5 | ... | 71·9 | 0·763 | 69 | 122 | S S W | 87 | 0·08 | Cloudy: lg. |
| 5 | 29·762 | 0·066 | 79·1 | 74·5 | 92·5 | 76·0 | ... | 73·0 | 0·793 | 79 | 130 | S S W | 87 | 0·74 | Cloudy: rain. |
| 6 | 29·737 | 0·127 | 82·0 | 76·2 | 91·2 | 75·6 | ... | 72·8 | 0·827 | 76 | 135 | S W | 87 | 0·05 | Cloudy: lg. E. |
| 7 | 29·727 | 0·127 | 83·1 | 77·5 | 92·5 | 76·9 | ... | 73·4 | 0·870 | 77 | 150 | SW by W | 70 | 0·48 | Do. |
| 8 | 29·750 | 0·118 | 82·2 | 75·9 | 89·2 | 76·4 | ... | 73·1 | 0·809 | 74 | 149 | W S W | 95 | ... | Overcast: lg. |
| 9 | 29·749 | 0·148 | 81·8 | 74·4 | 92·0 | 77·3 | ... | 73·7 | 0·752 | 69 | 165 | SW by W | 100 | 0·23 | Do. do. |
| 10 | 29·727 | 0·132 | 82·2 | 75·3 | 91·5 | 76·5 | ... | 72·9 | 0·785 | 71 | 136 | W S W | 88 | 0·08 | Cloudy. |
| 11 | 29·687 | 0·138 | 80·5 | 74·3 | 84·5 | 76·3 | ... | 71·7 | 0·766 | 73 | 115 | W by S | 100 | 0·04 | Overcast. |
| 12 | 29·641 | 0·155 | 84·6 | 74·2 | 93·6 | 76·4 | ... | 72·0 | 0·706 | 59 | 181 | W S W | 63 | ... | Cloudy. |
| 13 | 29·678 | 0·140 | 84·6 | 74·4 | 93·3 | 77·4 | ... | 73·3 | 0·715 | 60 | 191 | SW by W | 70 | 0·01 | Do. |
| 14 | 29·692 | 0·148 | 85·8 | 74·7 | 94·1 | 77·2 | ... | 72·7 | 0·712 | 58 | 168 | W S W | 78 | ... | Do. |
| 15 | 29·692 | 0·154 | 85·2 | 74·0 | 95·9 | 78·8 | ... | 72·7 | 0·690 | 57 | 167 | S W | 72 | 0·03 | Do. |
| 16 | 29·690 | 0·153 | 85·3 | 75·2 | 96·1 | 79·0 | ... | 74·7 | 0·740 | 61 | 168 | S W | 73 | 0·09 | Fine with passing clouds. |
| 17 | 29·709 | 0·130 | 83·4 | 76·0 | 93·1 | 77·8 | ... | 74·6 | 0·799 | 69 | 170 | S S W | 73 | 0·41 | Cloudy: th. and lg. |
| 18 | 29·740 | 0·127 | 83·5 | 76·0 | 94·9 | 76·0 | ... | 72·5 | 0·798 | 69 | 164 | S S W | 65 | 0·29 | Hazy. |
| 19 | 29·769 | 0·150 | 83·4 | 77·0 | 90·9 | 76·3 | ... | 72·7 | 0·842 | 73 | 135 | South | 43 | ... | Fine with passing clouds. |
| 20 | 29·795 | 0·138 | 83·3 | 77·0 | 92·4 | 76·6 | ... | 73·4 | 0·844 | 74 | 141 | S W | 57 | 0·26 | Do. |
| 21 | 29·787 | 0·144 | 83·4 | 77·1 | 91·8 | 79·2 | ... | 73·9 | 0·847 | 74 | 136 | S by W | 65 | 0·01 | Do. |
| 22 | 29·772 | 0·131 | 84·4 | 77·6 | 93·3 | 78·2 | ... | 74·5 | 0·850 | 73 | 146 | SW by S | 33 | 0·09 | Hazy. |
| 23 | 29·789 | 0·151 | 84·3 | 76·9 | 92·3 | 77·4 | ... | 73·4 | 0·858 | 70 | 136 | South | 40 | ... | Do. |
| 24 | 29·803 | 0·112 | 84·7 | 76·8 | 91·2 | 77·6 | ... | 72·5 | 0·816 | 68 | 125 | S S E | 23 | ... | Fine with passing clouds. |
| 25 | 29·804 | 0·125 | 84·8 | 77·9 | 92·3 | 79·4 | ... | 74·7 | 0·863 | 72 | 118 | S S E | 50 | ... | Do. |
| 26 | 29·787 | 0·121 | 83·9 | 76·1 | 93·1 | 78·4 | ... | 73·7 | 0·797 | 68 | 113 | S S W | 57 | 0·16 | Do. |
| 27 | 29·784 | 0·141 | 82·1 | 77·2 | 91·2 | 75·6 | ... | 73·8 | 0·869 | 79 | 132 | S S W | 45 | 0·08 | Do. |
| 28 | 29·756 | 0·162 | 84·4 | 77·7 | 92·1 | 78·6 | ... | 75·4 | 0·859 | 73 | 138 | S S E | 37 | ... | Do. |
| 29 | 29·729 | 0·129 | 84·9 | 78·1 | 92·1 | 78·7 | ... | 75·4 | 0·871 | 73 | 134 | S S E | 22 | ... | Fine. |
| 30 | 29·725 | 0·138 | 82·8 | 75·9 | 94·1 | 76·6 | ... | 72·7 | 0·802 | 71 | 129 | North | 63 | ... | Fine with passing clouds. |
| 31 | 29·719 | 0·122 | 84·1 | 76·7 | 92·8 | 77·9 | ... | 75·9 | 0·829 | 70 | 124 | S S E | 47 | ... | Do. |
| Mean | 29·744 | 0·132 | 83·6 | 76·1 | 92·7 | 77·4 | ... | 73·4 | 0·801 | 70 | 146 | S S W | 64 | 3·14 | |

# Madras Meteorological Observations. 1863—September.

| September 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·693 | 0·132 | 83·5 | 76·8 | 91·5 | 78·2 | ... | 73·8 | 0·829 | 73 | 117 | S W | 68 | ... | Hazy. |
| 2 | 29·686 | 0·125 | 84·5 | 76·6 | 89·4 | 78·2 | ... | 76·1 | 0·819 | 68 | 146 | S W | 88 | 0·05 | Cloudy: lg. W. |
| 3 | 29·728 | 0·088 | 77·7 | 73·9 | 83·2 | 74·3 | ... | 72·4 | 0·784 | 83 | 170 | W S W | 100 | 0·75 | Overcast with rain. |
| 4 | 29·710 | 0·132 | 80·5 | 75·9 | 86·2 | 76·2 | ... | 74·4 | 0·825 | 80 | 73 | S W by W | 95 | 0·01 | Do. |
| 5 | 29·690 | 0·111 | 79·4 | 75·4 | 83·4 | 76·0 | ... | 73·3 | 0·828 | 82 | 78 | W S W | 100 | 0·27 | Do. |
| 6 | 29·709 | 0·104 | 78·9 | 75·3 | 83·4 | 76·1 | ... | 74·6 | 0·830 | 84 | 111 | S W | 100 | 0·19 | Do. |
| 7 | 29·712 | 0·102 | 79·5 | 74·1 | 86·6 | 75·2 | ... | 72·4 | 0·771 | 76 | 114 | SWbyW | 100 | ... | Do. |
| 8 | 29·744 | 0·119 | 82·2 | 75·4 | 90·5 | 75·9 | ... | 72·4 | 0·790 | 72 | 128 | SWbyW | 90 | 0·02 | Cloudy. |
| 9 | 29·728 | 0·156 | 83·7 | 75·7 | 91·3 | 75·6 | ... | 71·6 | 0·782 | 68 | 119 | S W | 80 | ... | Do. |
| 10 | 29·717 | 0·153 | 84·5 | 75·2 | 91·9 | 77·8 | ... | 72·4 | 0·743 | 63 | 135 | W S W | 93 | 0·02 | Overcast. |
| 11 | 29·736 | 0·155 | 83·8 | 76·0 | 91·4 | 76·6 | ... | 73·7 | 0·794 | 68 | 133 | SWbyW | 92 | 0·10 | Overcast: lg. |
| 12 | 29·809 | 0·131 | 83·4 | 75·9 | 91·7 | 77·4 | ... | 73·7 | 0·795 | 69 | 160 | S S W | 80 | 0·02 | Cloudy. |
| 13 | 29·837 | 0·150 | 82·3 | 76·4 | 91·7 | 77·4 | ... | 73·8 | 0·831 | 75 | 155 | S S W | 63 | ... | Fine with passing clouds: lg. |
| 14 | 29·831 | 0·137 | 80·7 | 76·5 | 88·4 | 74·3 | ... | 71·8 | 0·857 | 81 | 168 | S S W | 67 | 0·34 | Morning overcast: evening fine. |
| 15 | 29·786 | 0·150 | 83·7 | 75·5 | 92·6 | 76·2 | ... | 73·6 | 0·774 | 67 | 157 | S W | 35 | 0·06 | Fine with passing clouds: lg. |
| 16 | 29·757 | 0·151 | 84·5 | 76·3 | 93·3 | 75·6 | ... | 72·7 | 0·797 | 67 | 151 | S WbyW | 40 | ... | Fine with passing clouds. |
| 17 | 29·755 | 0·128 | 80·5 | 75·3 | 85·8 | 72·9 | ... | 71·4 | 0·808 | 77 | 111 | W by S | 93 | 0·88 | Overcast with rain. |
| 18 | 29·771 | 0·077 | 80·2 | 75·0 | 87·1 | 76·4 | ... | 72·5 | 0·799 | 77 | 131 | SWbyW | 90 | 0·09 | Do. |
| 19 | 29·754 | 0·123 | 84·6 | 75·8 | 91·6 | 76·8 | ... | 72·8 | 0·780 | 67 | 145 | W by S | 57 | ... | Cloudy. |
| 20 | 29·708 | 0·146 | 85·6 | 74·7 | 93·5 | 78·4 | ... | 72·9 | 0·714 | 58 | 175 | SWbyW | 43 | ... | Hazy. |
| 21 | 29·706 | 0·128 | 83·6 | 73·5 | 90·2 | 77·7 | ... | 73·6 | 0·691 | 60 | 171 | W S W | 88 | 0·03 | Cloudy. |
| 22 | 29·711 | 0·123 | 82·4 | 72·4 | 87·2 | 76·5 | ... | 72·8 | 0·662 | 60 | 196 | West | 100 | ... | Overcast. |
| 23 | 29·718 | 0·101 | 85·1 | 74·1 | 92·4 | 79·3 | ... | 74·4 | 0·696 | 58 | 147 | West | 75 | ... | Hazy. |
| 24 | 29·746 | 0·125 | 87·0 | 74·4 | 95·6 | 78·4 | ... | 71·7 | 0·683 | 53 | 150 | W by N | 65 | ... | Fine with passing clouds. |
| 25 | 29·730 | 0·153 | 88·0 | 74·0 | 97·4 | 80·7 | ... | 75·5 | 0·652 | 49 | 144 | W by S | 53 | ... | Do. |
| 26 | 29·747 | 0·116 | 86·0 | 76·0 | 96·4 | 78·5 | ... | 73·7 | 0·764 | 61 | 165 | S S W | 43 | ... | Do. |
| 27 | 29·765 | 0·140 | 85·9 | 76·8 | 94·8 | 77·7 | ... | 74·3 | 0·800 | 65 | 150 | South | 23 | ... | Fine. |
| 28 | 29·750 | 0·128 | 85·8 | 76·7 | 95·3 | 78·9 | ... | 74·9 | 0·797 | 65 | 121 | S by W | 42 | ... | Fine with passing clouds. |
| 29 | 29·762 | 0·116 | 85·7 | 75·9 | 95·4 | 79·3 | ... | 75·3 | 0·764 | 62 | 145 | South | 53 | ... | Fine: th. and lg. |
| 30 | 29·749 | 0·113 | 85·2 | 77·8 | 93·4 | 77·7 | ... | 73·8 | 0·855 | 70 | 139 | South | 87 | 0·21 | Cloudy. |
| Mean | 29·742 | 0·127 | 83·3 | 75·4 | 90·8 | 77·0 | ... | 73·4 | 0·777 | 69 | 140 | S W | 73 | 3·04 | |

# Madras Meteorological Observations. 1863—October.

| October 1863. | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·723 | 0·135 | 85·5 | 77·6 | 96·6 | 77·5 | ... | 73·9 | 0·841 | 68 | 155 | S by W | 67 | ... | Fine with passing clouds. |
| 2 | 29·725 | 0·141 | 85·8 | 77·0 | 95·8 | 79·0 | ... | 74·6 | 0·810 | 69 | 160 | Var | 90 | ... | Cloudy : lg. S. W. |
| 3 | 29·751 | 0·150 | 83·2 | 75·0 | 93·1 | 75·8 | ... | 71·9 | 0·759 | 66 | 157 | S W | 90 | 0·99 | Cloudy : lg. S. W. : rain. |
| 4 | 29·759 | 0·121 | 84·3 | 75·6 | 94·0 | 77·8 | ... | 73·5 | 0·769 | 65 | 154 | S S W | 60 | ... | Fine with passing clouds : lg. N. E. |
| 5 | 29·733 | 0·148 | 84·9 | 74·9 | 93·7 | 77·6 | ... | 72·9 | 0·732 | 61 | 140 | S W | 68 | ... | Hazy. |
| 6 | 29·735 | 0·128 | 84·5 | 76·6 | 95·3 | 77·4 | ... | 73·3 | 0·810 | 68 | 145 | S by E | 38 | ... | Fine with passing clouds : lg. S. |
| 7 | 29·778 | 0·132 | 84·5 | 76·2 | 95·0 | 77·4 | ... | 73·6 | 0·793 | 67 | 132 | South | 25 | ... | Fine. |
| 8 | 29·812 | 0·129 | 85·4 | 76·6 | 92·8 | 78·4 | ... | 73·1 | 0·798 | 65 | 107 | S E by S | 10 | ... | Fine : lg. S. W. |
| 9 | 29·834 | 0·142 | 84·2 | 77·1 | 92·8 | 78·8 | ... | 74·1 | 0·836 | 72 | 108 | S S E | 18 | ... | Light haze. |
| 10 | 29·818 | 0·143 | 84·5 | 77·4 | 91·5 | 77·7 | ... | 73·4 | 0·846 | 72 | 123 | S E | 22 | ... | Hazy : lg. S. W. |
| 11 | 29·840 | 0·138 | 84·1 | 77·0 | 90·2 | 77·8 | ... | 74·7 | 0·833 | 72 | 103 | S E | 22 | ... | Fine with passing clouds : lg. W. |
| 12 | 29·866 | 0·131 | 83·2 | 76·2 | 89·7 | 77·1 | ... | 72·9 | 0·810 | 71 | 96 | E by S | 47 | ... | Fine with passing clouds. |
| 13 | 29·855 | 0·133 | 83·4 | 76·7 | 91·3 | 78·9 | ... | 75·4 | 0·829 | 73 | 108 | N N E | 73 | ... | Cloudy : lg. S. W. |
| 14 | 29·869 | 0·118 | 76·2 | 74·1 | 78·4 | 75·6 | ... | 72·0 | 0·816 | 91 | 115 | N W | 90 | 3·22 | Cloudy : lg. N. : heavy rain. |
| 15 | 29·847 | 0·101 | 77·3 | 75·4 | 83·4 | 74·9 | ... | 73·9 | 0·857 | 91 | 84 | N N W | 92 | 1·10 | Cloudy : th. and lg. : rain. |
| 16 | 29·854 | 0·096 | 80·7 | 76·9 | 84·9 | 75·9 | ... | 74·2 | 0·875 | 84 | 106 | North | 73 | 0·25 | Do. do. |
| 17 | 29·796 | 0·134 | 77·6 | 75·3 | 82·5 | 75·7 | ... | 74·2 | 0·848 | 90 | 99 | N by W | 72 | 1·33 | Cloudy with rain. |
| 18 | 29·766 | 0·125 | 80·2 | 76·0 | 85·7 | 74·6 | ... | 71·6 | 0·843 | 81 | 137 | N by E | 50 | ... | Fine with passing clouds. |
| 19 | 29·683 | 0·104 | 79·4 | 75·7 | 82·7 | 76·7 | ... | 72·8 | 0·841 | 84 | 349 | N E | 97 | 0·87 | Overcast : th. and lg. : rain. |
| 20 | 29·798 | 0·097 | 76·8 | 74·5 | 83·8 | 74·9 | ... | 72·6 | 0·825 | 90 | 185 | S E by S | 93 | 2·57 | Do. do. do. |
| 21 | 29·891 | 0·082 | 76·5 | 74·8 | 82·6 | 74·3 | ... | 72·4 | 0·840 | 92 | 115 | S S E | 98 | 3·81 | Do. do. do. |
| 22 | 29·882 | 0·163 | 77·0 | 74·7 | 81·5 | 73·4 | ... | 72·6 | 0·830 | 90 | 52 | Var. | 100 | 0·07 | Overcast. |
| 23 | 29·868 | 0·172 | 76·5 | 73·4 | 82·0 | 71·7 | ... | 71·6 | 0·783 | 86 | 111 | North | 80 | 1·41 | Cloudy : rain. |
| 24 | 29·839 | 0·096 | 78·1 | 74·1 | 83·3 | 73·2 | ... | 71·4 | 0·789 | 82 | 125 | N N W | 80 | 0·02 | Do. |
| 25 | 29·826 | 0·138 | 75·2 | 73·2 | 76·4 | 73·1 | ... | 71·3 | 0·779 | 90 | 98 | S W. | 100 | 1·45 | Overcast with rain. |
| 26 | 29·788 | 0·178 | 79·0 | 74·9 | 85·4 | 73·9 | ... | 73·2 | 0·812 | 82 | 61 | S W by W | 67 | ... | Cloudy. |
| 27 | 29·769 | 0·110 | 79·9 | 75·3 | 86·3 | 75·2 | ... | 72·3 | 0·817 | 80 | 96 | S E | 7 | ... | Fine. |
| 28 | 29·850 | 0·099 | 80·8 | 76·7 | 87·3 | 76·6 | ... | 73·2 | 0·866 | 83 | 86 | S E | 10 | ... | Do. |
| 29 | 29·888 | 0·093 | 80·9 | 75·2 | 86·3 | 76·9 | ... | 73·4 | 0·789 | 75 | 107 | N by E | 30 | ... | Fine with passing clouds. |
| 30 | 29·888 | 0·122 | 79·5 | 75·0 | 85·2 | 75·1 | ... | 70·4 | 0·809 | 80 | 74 | North | 23 | ... | Fine. |
| 31 | 29·852 | 0·131 | 79·9 | 74·9 | 84·8 | 74·6 | ... | 69·4 | 0·799 | 78 | 83 | N N E | 23 | ... | Do. |
| Mean | 29·812 | 0·127 | 80·9 | 75·6 | 87·0 | 76·0 | ... | 72·9 | 0·816 | 78 | 122 | E S E | 59 | 17·09 | |

# Madras Meteorological Observations. 1863—November.

| November 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·855 | 0·098 | 80·2 | 75·7 | 85·3 | 75·9 | ... | 71·9 | 0·829 | 80 | 140 | N N E | 35 | ... | Fine with passing clouds. |
| 2 | 29·881 | 0·094 | 78·9 | 70·8 | 83·6 | 75·0 | ... | 71·3 | 0·647 | 66 | 171 | N N E | 17 | ... | Do. |
| 3 | 29·903 | 0·108 | 76·5 | 69·0 | 83·4 | 69·8 | ... | 64·6 | 0·609 | 67 | 148 | N N E | 20 | ... | Do. |
| 4 | 29·892 | 0·106 | 75·4 | 67·6 | 82·9 | 69·7 | ... | 60·3 | 0·573 | 65 | 114 | North | 12 | ... | Fine. |
| 5 | 29·846 | 0·132 | 76·2 | 67·9 | 83·5 | 67·7 | ... | 66·6 | 0·560 | 63 | 100 | North | 7 | ... | Do. |
| 6 | 29·849 | 0·114 | 78·3 | 70·9 | 83·9 | 72·6 | ... | 65·5 | 0·658 | 68 | 124 | N N E | 38 | ... | Fine with passing clouds. |
| 7 | 29·887 | 0·099 | 78·1 | 71·4 | 83·8 | 71·5 | ... | 64·6 | 0·680 | 71 | 126 | N N E | 10 | ... | Fine. |
| 8 | 29·910 | 0·092 | 78·1 | 70·8 | 83·5 | 71·7 | ... | 65·1 | 0·657 | 69 | 136 | N N E | 13 | ... | Do. |
| 9 | 29·911 | 0·119 | 78·1 | 71·2 | 83·5 | 72·9 | ... | 66·6 | 0·672 | 70 | 115 | N E by N | 35 | ... | Hazy. |
| 10 | 29·935 | 0·111 | 77·3 | 71·1 | 82·8 | 71·1 | ... | 64·7 | 0·680 | 72 | 120 | N E by N | 12 | ... | Fine. |
| 11 | 29·941 | 0·131 | 76·6 | 70·9 | 83·0 | 70·5 | ... | 63·9 | 0·680 | 74 | 106 | N N E | 12 | ... | Do. |
| 12 | 29·920 | 0·108 | 76·2 | 70·8 | 83·7 | 71·8 | ... | 65·6 | 0·682 | 75 | 91 | N N E | 10 | ... | Do. |
| 13 | 29·901 | 0·113 | 76·4 | 70·9 | 84·8 | 69·5 | ... | 62·4 | 0·684 | 75 | 77 | N N E | 0 | ... | Clear. |
| 14 | 29·894 | 0·104 | 79·4 | 73·2 | 86·5 | 72·9 | ... | 67·3 | 0·736 | 73 | 73 | North | 3 | ... | Do. |
| 15 | 29·922 | 0·094 | 79·5 | 74·3 | 84·7 | 74·1 | ... | 68·2 | 0·779 | 77 | 100 | East | 25 | ... | Hazy. |
| 16 | 29·943 | 0·084 | 77·4 | 74·8 | 83·5 | 73·9 | ... | 65·8 | 0·829 | 88 | 80 | N E | 70 | 0·55 | Cloudy with rain. |
| 17 | 29·935 | 0·106 | 79·0 | 75·3 | 83·0 | 74·9 | ... | 70·5 | 0·829 | 83 | 123 | N N E | 93 | 0·32 | Do. |
| 18 | 29·954 | 0·137 | 79·0 | 75·5 | 82·1 | 74·1 | ... | 72·2 | 0·837 | 85 | 170 | N by W | 97 | 0·26 | Overcast. |
| 19 | 29·984 | 0·110 | 77·7 | 74·0 | 82·9 | 76·5 | ... | 74·2 | 0·791 | 83 | 183 | N E by E | 87 | 0·42 | Cloudy. |
| 20 | 29·966 | 0·136 | 79·4 | 74·1 | 83·5 | 75·5 | ... | 71·6 | 0·773 | 77 | 162 | N E | 60 | 0·01 | Do. |
| 21 | 29·976 | 0·129 | 79·3 | 72·8 | 83·5 | 76·5 | ... | 72·5 | 0·721 | 72 | 192 | N E | 45 | 0·02 | Fine with passing clouds. |
| 22 | 29·998 | 0·121 | 77·1 | 69·9 | 82·2 | 71·7 | ... | 65·9 | 0·636 | 68 | 138 | N N E | 33 | ... | Do. |
| 23 | 30·001 | 0·131 | 75·7 | 72·5 | 82·4 | 70·3 | ... | 63·7 | 0·757 | 85 | 98 | North | 67 | 0·09 | Do. |
| 24 | 30·005 | 0·113 | 77·3 | 72·6 | 82·9 | 72·5 | ... | 68·7 | 0·739 | 79 | 115 | N N E | 48 | 0·01 | Do. |
| 25 | 29·993 | 0·110 | 78·0 | 72·3 | 83·0 | 73·2 | ... | 70·7 | 0·718 | 75 | 140 | N E by N | 37 | 0·01 | Do. |
| 26 | 29·972 | 0·109 | 77·7 | 71·7 | 82·2 | 72·4 | ... | 65·4 | 0·698 | 74 | 130 | N N E | 47 | ... | Do. |
| 27 | 29·957 | 0·121 | 76·5 | 70·6 | 82·1 | 71·3 | ... | 65·4 | 0·670 | 73 | 131 | N N E | 32 | ... | Do. |
| 28 | 29·977 | 0·089 | 77·2 | 70·8 | 82·5 | 70·5 | ... | 64·6 | 0·668 | 71 | 148 | N N E | 27 | ... | Do. |
| 29 | 29·973 | 0·130 | 77·0 | 70·2 | 82·5 | 70·9 | ... | 65·1 | 0·648 | 70 | 188 | N by E | 32 | ... | Do. |
| 30 | 29·953 | 0·099 | 77·5 | 70·1 | 81·6 | 73·9 | ... | 70·5 | 0·638 | 67 | 243 | N N E | 87 | 0·34 | Cloudy. |
| Mean | 29·934 | 0·112 | 77·7 | 71·8 | 83·3 | 72·5 | ... | 67·2 | 0·703 | 74 | 133 | N N E | 37 | 2·03 | |

# Madras Meteorological Observations. 1863—December.

| December 1863 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·899 | 0·089 | 73·6 | 71·7 | 76·3 | 71·6 | ... | 69·3 | 0·757 | 91 | 228 | North | 100 | 2·38 | Overcast with rain. |
| 2 | 29·957 | 0·087 | 74·7 | 72·8 | 77·0 | 72·0 | ... | 71·1 | 0·782 | 91 | 182 | N E | 100 | 1·92 | Do. |
| 3 | 29·984 | 0·099 | 75·5 | 73·7 | 79·6 | 73·5 | ... | 71·7 | 0·809 | 92 | 113 | N E | 100 | 1·55 | Do. |
| 4 | 29·979 | 0·135 | 72·7 | 71·5 | 74·0 | 71·9 | ... | 71·5 | 0·759 | 94 | 104 | North | 100 | 5·48 | Do. |
| 5 | 29·994 | 0·145 | 73·5 | 71·5 | 76·2 | 71·6 | ... | 70·9 | 0·748 | 90 | 103 | N N W | 100 | 1·98 | Do. |
| 6 | 29·965 | 0·103 | 76·2 | 71·9 | 79·6 | 73·0 | ... | 72·5 | 0·725 | 80 | 154 | N E | 90 | 0·03 | Cloudy. |
| 7 | 29·967 | 0·118 | 75·1 | 70·6 | 79·6 | 70·0 | ... | 65·7 | 0·690 | 79 | 102 | N E | 17 | ... | Fine. |
| 8 | 30·002 | 0·104 | 73·6 | 70·1 | 78·9 | 68·9 | ... | 64·5 | 0·691 | 83 | 98 | N E | 17 | ... | Do. |
| 9 | 30·025 | 0·098 | 73·7 | 66·9 | 79·0 | 67·0 | ... | 60·9 | 0·570 | 69 | 106 | N E | 47 | ... | Fine with passing clouds. |
| 10 | 30·023 | 0·102 | 74·0 | 67·5 | 79·0 | 69·5 | ... | 63·8 | 0·588 | 68 | 115 | North | 35 | ... | Do. |
| 11 | 30·011 | 0·116 | 74·7 | 68·5 | 79·6 | 69·0 | ... | 64·2 | 0·615 | 72 | 115 | N N E | 47 | ... | Do. |
| 12 | 30·033 | 0·096 | 74·5 | 69·0 | 79·6 | 68·3 | ... | 62·6 | 0·636 | 74 | 144 | N E by N | 43 | ... | Do. |
| 13 | 30·037 | 0·112 | 74·2 | 69·2 | 79·6 | 70·0 | ... | 65·6 | 0·648 | 76 | 151 | N N E | 23 | ... | Do. |
| 14 | 30·028 | 0·096 | 73·6 | 67·6 | 79·6 | 66·7 | ... | 61·6 | 0·597 | 72 | 141 | N E by N | 33 | ... | Do. |
| 15 | 30·014 | 0·116 | 74·2 | 67·8 | 79·8 | 67·6 | ... | 59·8 | 0·595 | 70 | 160 | N E by N | 33 | ... | Do. |
| 16 | 30·009 | 0·113 | 74·4 | 68·4 | 79·9 | 68·8 | ... | 62·6 | 0·616 | 72 | 124 | N E by N | 22 | ... | Do. |
| 17 | 29·985 | 0·117 | 72·4 | 66·7 | 78·6 | 67·5 | ... | 58·4 | 0·579 | 73 | 116 | N N E | 22 | ... | Do. |
| 18 | 30·034 | 0·086 | 72·8 | 67·1 | 79·4 | 65·2 | ... | 57·4 | 0·589 | 73 | 120 | N E by N | 25 | ... | Do. |
| 19 | 30·035 | 0·113 | 74·3 | 67·5 | 79·5 | 70·4 | ... | 62·6 | 0·585 | 69 | 160 | N N E | 20 | ... | Fine. |
| 20 | 30·041 | 0·092 | 74·6 | 68·6 | 79·3 | 69·8 | ... | 65·1 | 0·620 | 72 | 173 | N N E | 23 | ... | Fine with passing clouds. |
| 21 | 30·055 | 0·106 | 74·1 | 67·2 | 78·9 | 67·8 | ... | 60·3 | 0·575 | 68 | 144 | N E by N | 28 | ... | Do. |
| 22 | 30·036 | 0·129 | 73·7 | 68·3 | 79·4 | 68·0 | ... | 60·3 | 0·621 | 74 | 119 | N N E | 37 | ... | Do. |
| 23 | 30·033 | 0·126 | 73·1 | 68·1 | 79·6 | 68·2 | ... | 61·6 | 0·621 | 76 | 86 | N N E | 30 | ... | Do. |
| 24 | 30·036 | 0·113 | 72·8 | 68·4 | 79·6 | 65·6 | ... | 57·6 | 0·636 | 79 | 109 | N N E | 38 | ... | Do. |
| 25 | 30·006 | 0·134 | 76·2 | 67·8 | 79·7 | 71·5 | ... | 67·3 | 0·568 | 62 | 184 | N N E | 27 | 0·02 | Do. |
| 26 | 29·989 | 0·113 | 75·6 | 68·7 | 80·2 | 71·2 | ... | 64·6 | 0·610 | 69 | 192 | N E by N | 28 | ... | Do. |
| 27 | 29·992 | 0·098 | 74·8 | 69·0 | 80·1 | 68·8 | ... | 63·6 | 0·633 | 73 | 167 | N N E | 67 | ... | Cloudy. |
| 28 | 30·008 | 0·102 | 76·3 | 70·8 | 79·9 | 74·9 | ... | 70·8 | 0·681 | 75 | 199 | N N E | 100 | 0·02 | Overcast. |
| 29 | 29·999 | 0·113 | 74·7 | 69·8 | 80·5 | 76·8 | ... | 65·6 | 0·663 | 77 | 159 | N N E | 72 | ... | Cloudy. |
| 30 | 29·984 | 0·143 | 72·5 | 67·5 | 78·9 | 67·8 | ... | 61·2 | 0·608 | 76 | 131 | N N E | 22 | ... | Fine. |
| 31 | 29·976 | 0·140 | 71·6 | 66·6 | 78·6 | 65·8 | ... | 58·6 | 0·587 | 76 | 105 | N N E | 20 | ... | Do. |
| Mean | 30·004 | 0·111 | 74·1 | 69·1 | 79·0 | 69·4 | ... | 64·4 | 0·645 | 76 | 139 | N N E | 47 | 13·38 | |

## Madras Mean Monthly and Annual Meteorological Results in 1863.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·016 | 0·116 | 73·5 | 79·3 | 68·0 | 11·3 | 68·9 | 66·4 | 0·647 | 78 | ... | 65·1 | 115 | 4 | N E | 1·95 | 2 | 68 |
| February | 29·943 | 0·125 | 75·9 | 81·9 | 70·0 | 11·9 | 71·5 | 68·3 | 0·715 | 80 | ... | 65·1 | 118 | 7 | E by N | ... | ... | 68 |
| March | 29·892 | 0·127 | 80·0 | 86·7 | 73·2 | 13·5 | 74·3 | 71·5 | 0·775 | 75 | ... | 68·7 | 94 | 12 | S E | 0·67 | 2 | 78 |
| April | 29·790 | 0·135 | 83·9 | 91·6 | 77·6 | 14·0 | 78·0 | 75·3 | 0·881 | 76 | ... | 74·6 | 132 | 14 | S S E | 5·05 | 6 | 69 |
| May | 29·715 | 0·125 | 87·4 | 96·4 | 81·0 | 15·4 | 79·0 | 76·3 | 0·882 | 68 | ... | 77·7 | 169 | 15 | S by E | 0·12 | 1 | 67 |
| June | 29·693 | 0·125 | 87·1 | 97·3 | 80·4 | 16·9 | 76·3 | 73·8 | 0·766 | 60 | ... | 76·8 | 182 | 19 | S W by S | 1·07 | 8 | 30 |
| July | 29·701 | 0·114 | 84·0 | 93·2 | 78·0 | 15·2 | 75·9 | 72·9 | 0·789 | 68 | ... | 74·6 | 151 | 20 | S W | 7·07 | 17 | 29 |
| August | 29·744 | 0·132 | 83·6 | 92·7 | 77·4 | 15·3 | 76·1 | 73·1 | 0·801 | 70 | ... | 73·4 | 146 | 18 | S S W | 3·14 | 18 | 36 |
| September | 29·742 | 0·127 | 83·3 | 90·8 | 77·0 | 13·8 | 75·4 | 72·7 | 0·777 | 69 | ... | 73·4 | 140 | 20 | S W | 3·01 | 15 | 27 |
| October | 29·812 | 0·127 | 80·9 | 87·6 | 76·0 | 11·6 | 75·6 | 73·1 | 0·816 | 78 | | 72·9 | 122 | 10 | E S E | 17·09 | 12 | 41 |
| November | 29·934 | 0·112 | 77·7 | 83·3 | 72·5 | 10·8 | 71·8 | 69·6 | 0·703 | 74 | ... | 67·2 | 133 | 2 | N N E | 2·03 | 10 | 63 |
| December | 30·004 | 0·111 | 74·1 | 79·0 | 69·4 | 9·6 | 69·1 | 66·7 | 0·645 | 76 | .. | 64·4 | 139 | 2 | N N E | 13·38 | 8 | 53 |
| Annual | 29·832 | 0·123 | 81·0 | 88·3 | 75·0 | 13·3 | 74·3 | 71·4 | 0·766 | 73 | ... | 71·2 | 139 | 12 | S E | 54·61 | 99 | 52 |

## Madras Extreme Monthly Meteorological Records in 1863.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·137 | 11 | 29·887 | 24 | 0·250 | 80·8 | 31 | 63·0 | 1 | 62·0 | 1 | 61 | 7 | ... | ... | 57·3 | 1 | 237 | 9 | 71 | 1 | 1·46 | 27 |
| February | 30·100 | 24 | 29·819 | 17 | 0·281 | 85·0 | 16 | 65·0 | 26 | 63·2 | 26 | 57 | 25 | ... | ... | 57·3 | 28 | 219 | 20 | 64 | 5 | ... | ... |
| March | 30·018 | 16 | 29·746 | 13 | 0·272 | 89·1 | 29 | 68·2 | 1 | 66·8 | 3 | 52 | 7 | ... | ... | 61·4 | 3 | 138 | 4 | 52 | 16 | 0·65 | 16 |
| April | 29·927 | 10 | 29·634 | 4 | 0·293 | 98·9 | 30 | 73·7 | 25 | 72·2 | 25 | 56 | 30 | ... | ... | 69·8 | 1 | 221 | 8 | 53 | 18 | 2·10 | 24 |
| May | 29·828 | 2 | 29·556 | 31 | 0·272 | 101·4 | 31 | 79·5 | 5 | 73·2 | 22 | 40 | 30 | ... | ... | 75·1 | 4 | 245 | 6 | 74 | 14 | 0·12 | 16 |
| June | 29·809 | 10 | 29·548 | 1 | 0·261 | 103·0 | 5 | 76·6 | 17 | 70·7 | 17 | 36 | 21 | ... | ... | 73·7 | 17 | 237 | 20 | 114 | 16 | 0·30 | 24 |
| July | 29·851 | 14 | 29·562 | 25 | 0·289 | 100·1 | 1 | 73·2 | 15 | 69·7 | 19 | 39 | 3 | ... | ... | 70·1 | 20 | 217 | 1 | 101 | 8 | 2·39 | 15 |
| August | 29·859 | 21 | 29·555 | 12 | 0·304 | 96·4 | 2 | 75·6 | 27 | 71·1 | 12 | 42 | 15 | .. | ... | 71·7 | 11 | 191 | 13 | 113 | 26 | 0·74 | 5 |
| September | 29·907 | 13 | 29·611 | 2 | 0·296 | 97·4 | 25 | 72·9 | 17 | 70·8 | 22 | 30 | 25 | ... | ... | 71·4 | 17 | 196 | 22 | 73 | 4 | 0·88 | 17 |
| October | 29·966 | 22 | 29·615 | 19 | 0·351 | 96·6 | 1 | 71·7 | 23 | 69·1 | 25 | 43 | 5 | ... | ... | 69·4 | 31 | 349 | 19 | 52 | 22 | 3·81 | 21 |
| November | 30·070 | 23 | 29·790 | 5 | 0·280 | 86·5 | 14 | 67·7 | 5 | 65·0 | 4 | 50 | 5 | ... | ... | 60·3 | 4 | 243 | 30 | 73 | 14 | 0·55 | 16 |
| December | 30·105 | 21 | 29·848 | 1 | 0·257 | 80·5 | 29 | 65·2 | 18 | 63·0 | 18 | 54 | 25 | ... | ... | 57·4 | 18 | 228 | 1 | 86 | 23 | 5·48 | 4 |

# Madras Meteorological Observations. 1864—January.

| January 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Reduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·969 | 0·133 | 71·5 | 66·7 | 78·3 | 65·2 | ... | 56·4 | 0·592 | 74 | 84 | N E by N | 13 | ... | Fine. |
| 2 | 29·968 | 0·127 | 72·4 | 66·9 | 77·9 | 65·2 | ... | 57·3 | 0·587 | 73 | 77 | N E | 5 | ... | Clear. |
| 3 | 29·977 | 0·109 | 72·9 | 67·1 | 78·2 | 65·5 | ... | 57·6 | 0·587 | 73 | 101 | N E by N | 18 | ... | Fine. |
| 4 | 29·970 | 0·134 | 74·2 | 67·9 | 80·0 | 67·0 | ... | 59·5 | 0·600 | 71 | 117 | N E | 38 | ... | Fine with passing clouds. |
| 5 | 29·957 | 0·130 | 74·4 | 69·2 | 80·6 | 67·1 | ... | 59·5 | 0·645 | 75 | 152 | N E | 43 | ... | Cloudy. |
| 6 | 29·992 | 0·103 | 75·8 | 69·9 | 80·5 | 70·4 | ... | 64·7 | 0·651 | 72 | 204 | N E | 50 | ... | Do. |
| 7 | 30·012 | 0·114 | 76·2 | 69·0 | 79·7 | 74·1 | ... | 68·5 | 0·613 | 68 | 224 | N E | 47 | ... | Fine with passing clouds. |
| 8 | 30·015 | 0·116 | 75·6 | 68·4 | 79·6 | 73·2 | ... | 68·4 | 0·599 | 67 | 218 | N E | 77 | ... | Cloudy. |
| 9 | 30·040 | 0·099 | 75·5 | 67·2 | 78·3 | 74·3 | ... | 69·2 | 0·557 | 63 | 231 | N E by N | 97 | ... | Overcast. |
| 10 | 30·031 | 0·118 | 74·0 | 67·2 | 78·8 | 71·0 | ... | 69·6 | 0·577 | 69 | 186 | N N E | 50 | ... | Cloudy. |
| 11 | 30·009 | 0·121 | 73·3 | 66·8 | 79·4 | 67·7 | ... | 60·8 | 0·572 | 70 | 175 | N N E | 27 | ... | Fine with passing clouds. |
| 12 | 30·023 | 0·138 | 72·0 | 65·3 | 79·0 | 65·5 | ... | 57·7 | 0·535 | 68 | 120 | N E | 18 | ... | Do. |
| 13 | 30·006 | 0·146 | 71·7 | 63·4 | 77·8 | 64·4 | ... | 55·7 | 0·474 | 61 | 144 | N E by N | 23 | ... | Hazy. |
| 14 | 29·978 | 0·109 | 71·9 | 64·2 | 79·5 | 67·7 | ... | 55·8 | 0·499 | 63 | 88 | N E | 63 | ... | Cloudy. |
| 15 | 29·939 | 0·151 | 72·2 | 64·0 | 79·6 | 66·2 | ... | 58·5 | 0·488 | 61 | 103 | N N E | 33 | ... | Hazy. |
| 16 | 29·916 | 0·136 | 72·0 | 66·0 | 78·9 | 63·5 | ... | 54·4 | 0·560 | 71 | 88 | N E | 7 | ... | Fine. |
| 17 | 29·938 | 0·134 | 72·5 | 66·8 | 79·9 | 64·8 | ... | 56·2 | 0·582 | 73 | 128 | E N E | 7 | ... | Do. |
| 18 | 29·941 | 0·123 | 72·0 | 66·4 | 78·3 | 64·5 | ... | 56·5 | ·0·575 | 73 | 91 | N E | 5 | ... | Clear. |
| 19 | 29·962 | 0·137 | 72·4 | 66·1 | 78·6 | 64·8 | ... | 56·5 | 0·558 | 70 | 119 | N E | 3 | ... | Do. |
| 20 | 30·009 | 0·113 | 72·7 | 63·7 | 79·1 | 64·3 | ... | 55·2 | 0·471 | 58 | 100 | E N E | 5 | ... | Do. |
| 21 | 30·030 | 0·136 | 71·5 | 64·4 | 79·4 | 64·0 | ... | 54·9 | 0·511 | 66 | 86 | N E | 32 | ... | Hazy. |
| 22 | 30·015 | 0·129 | 70·6 | 64·5 | 78·5 | 62·1 | ... | 55·7 | 0·527 | 70 | 102 | N E by N | 18 | ... | Fine. |
| 23 | 29·981 | 0·142 | 69·7 | 63·6 | 78·4 | 61·8 | ... | 52·6 | 0·508 | 70 | 69 | N E | 22 | ... | Do. |
| 24 | 29·964 | 0·130 | 70·1 | 63·8 | 80·7 | 61·6 | ... | 54·5 | 0·509 | 69 | 73 | East | 13 | ... | Do. |
| 25 | 29·980 | 0·149 | 70·4 | 64·2 | 81·0 | 61·1 | ... | 51·6 | 0·519 | 69 | 109 | N E by E | 13 | ... | Do. |
| 26 | 29·986 | 0·138 | 70·4 | 63·3 | 79·3 | 61·2 | ... | 52·0 | 0·489 | 66 | 100 | N N E | 12 | ... | Do. |
| 27 | 29·995 | 0·137 | 70·1 | 63·9 | 79·5 | 61·7 | ... | 52·2 | 0·512 | 69 | 79 | N E | 2 | ... | Clear. |
| 28 | 29·983 | 0·124 | 69·8 | 63·9 | 78·0 | 60·5 | ... | 52·1 | 0·516 | 70 | 81 | N E by E | 17 | ... | Hazy. |
| 29 | 30·013 | 0·110 | 70·1 | 64·3 | 78·5 | 61·6 | ... | 53·9 | 0·523 | 70 | 70 | E by N | 22 | ... | Do. |
| 30 | 30·001 | 0·123 | 71·4 | 66·2 | 79·4 | 63·3 | ... | 54·1 | 0·575 | 75 | 70 | E S E | 8 | ... | Fine. |
| 31 | 30·014 | 0·110 | 72·2 | 65·8 | 79·1 | 64·7 | ... | 57·2 | 0·550 | 70 | 82 | E S E | 12 | ... | Do. |
| Mean | 29·988 | 0·126 | 72·3 | 65·8 | 79·2 | 65·5 | ... | 57·7 | 0·550 | 69 | 118 | N E | 26 | *Nil.* | |

## Madras Meteorological Observations. 1864—February.

| February 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·068 | 0·115 | 73·0 | 65·7 | 79·7 | 64·4 | ... | 57·4 | 0·536 | 66 | 99 | N E by E | 17 | ... | Hazy. |
| 2 | 30·112 | 0·102 | 73·4 | 66·1 | 79·5 | 65·4 | ... | 57·2 | 0·545 | 66 | 138 | N E | 17 | ... | Fine. |
| 3 | 30·109 | 0·093 | 75·9 | 67·7 | 80·9 | 70·7 | ... | 63·1 | 0·575 | 63 | 215 | N E | 30 | ... | Fine with passing clouds. |
| 4 | 30·121 | 0·117 | 75·4 | 68·8 | 80·6 | 71·8 | ... | 68·3 | 0·618 | 71 | 190 | N E by N | 33 | ... | Do. |
| 5 | 30·128 | 0·130 | 74·4 | 68·9 | 80·6 | 67·6 | ... | 60·1 | 0·634 | 74 | 113 | N E by N | 20 | ... | Do. |
| 6 | 30·107 | 0·136 | 74·4 | 67·9 | 80·7 | 66·1 | ... | 58·8 | 0·597 | 70 | 114 | N E | 13 | ... | Fine. |
| 7 | 30·102 | 0·136 | 74·4 | 65·8 | 79·7 | 66·8 | ... | 57·9 | 0·522 | 61 | 159 | N E | 17 | ... | Do. |
| 8 | 30·065 | 0·132 | 72·9 | 65·1 | 78·6 | 68·0 | ... | 60·2 | 0·516 | 64 | 119 | N E | 25 | ... | Fine with passing clouds. |
| 9 | 30·060 | 0·113 | 71·4 | 64·8 | 78·8 | 63·5 | ... | 54·8 | 0·527 | 69 | 111 | N E by N | 3 | ... | Clear. |
| 10 | 30·040 | 0·124 | 73·6 | 65·1 | 79·9 | 64·8 | ... | 56·6 | 0·507 | 61 | 132 | N E | 5 | ... | Do. |
| 11 | 30·044 | 0·113 | 73·6 | 65·0 | 79·6 | 66·4 | ... | 59·5 | 0·506 | 61 | 126 | E N E | 20 | ... | Passing clouds. |
| 12 | 30·074 | 0·105 | 75·9 | 65·7 | 80·4 | 72·4 | ... | 65·9 | 0·497 | 56 | 132 | E N E | 40 | ... | Do. |
| 13 | 30·031 | 0·122 | 73·5 | 65·6 | 82·2 | 67·4 | ... | 59·9 | 0·525 | 63 | 91 | E N E | 47 | ... | Do. |
| 14 | 29·942 | 0·151 | 71·6 | 64·6 | 79·3 | 64·2 | ... | 56·9 | 0·517 | 67 | 69 | East | 15 | ... | Fine. |
| 15 | 29·881 | 0·139 | 70·7 | 65·4 | 79·3 | 61·4 | ... | 52·5 | 0·557 | 74 | 80 | S E by E | 10 | ... | Do. |
| 16 | 29·855 | 0·133 | 73·6 | 67·8 | 85·4 | 64·0 | ... | 56·6 | 0·611 | 73 | 142 | S E | 3 | ... | Clear. |
| 17 | 29·847 | 0·175 | 75·8 | 70·5 | 82·8 | 68·0 | ... | 63·7 | 0·679 | 76 | 173 | S S | 5 | ... | Do. |
| 18 | 29·795 | 0·171 | 77·9 | 72·6 | 85·6 | 70·6 | ... | 65·5 | 0·731 | 77 | 197 | S S E | 3 | ... | Do. |
| 19 | 29·787 | 0·125 | 79·2 | 72·4 | 86·8 | 72·9 | ... | 69·3 | 0·706 | 71 | 210 | S by E | 3 | ... | Do. |
| 20 | 29·809 | 0·134 | 78·9 | 73·0 | 84·9 | 73·1 | ... | 67·4 | 0·733 | 74 | 191 | S S E | 10 | ... | Fine. |
| 21 | 29·913 | 0·104 | 78·3 | 73·7 | 84·2 | 73·6 | ... | 68·5 | 0·771 | 80 | 179 | S E | 23 | ... | Passing clouds. |
| 22 | 29·963 | 0·121 | 77·7 | 71·8 | 83·3 | 71·7 | ... | 65·8 | 0·707 | 74 | 123 | S E | 20 | ... | Fine. |
| 23 | 29·904 | 0·142 | 78·1 | 72·0 | 83·5 | 73·1 | ... | 66·0 | 0·705 | 74 | 113 | S E | 20 | .. | Do. |
| 24 | 29·847 | 0·150 | 77·4 | 70·7 | 83·3 | 70·9 | ... | 66·5 | 0·663 | 71 | 147 | S E by S | 7 | ... | Do. |
| 25 | 29·854 | 0·131 | 77·8 | 72·0 | 85·3 | 69·6 | ... | 64·0 | 0·708 | 74 | 175 | S S E | 13 | ... | Do. |
| 26 | 29·885 | 0·141 | 79·2 | 73·3 | 85·9 | 73·5 | ... | 68·9 | 0·741 | 74 | 179 | S S E | 13 | ... | Do. |
| 27 | 29·865 | 0·157 | 79·6 | 73·5 | 86·5 | 72·9 | ... | 68·0 | 0·746 | 74 | 169 | S S E | 12 | ... | Do. |
| 28 | 29·822 | 0·143 | 80·2 | 74·2 | 88·8 | 73·7 | ... | 69·2 | 0·766 | 74 | 168 | S S E | 7 | ... | Do. |
| 29 | 29·871 | 0·108 | 79·6 | 73·8 | 86·3 | 73·8 | ... | 68·4 | 0·757 | 75 | 188 | S E by S | 3 | . . | Clear. |
| Mean | 29·962 | 0·130 | 75·8 | 69·1 | 82·5 | 69·0 | ... | 62·7 | 0·628 | 70 | 146 | E by S | 16 | *Nil.* | |

# Madras Meteorological Observations. 1864—March.

| March 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·941 | 0·119 | 78·7 | 71·8 | 85·1 | 73·2 | ... | 67·2 | 0·688 | 70 | ... | S E by S | 5 | ... | Clear. |
| 2 | 29·949 | 0·124 | 78·2 | 71·5 | 84·6 | 70·8 | ... | 64·7 | 0·683 | 71 | ... | S E | 13 | ... | Fine. |
| 3 | 29·953 | 0·144 | 76·9 | 70·6 | 83·7 | 71·9 | ... | 65·4 | 0·676 | 72 | ... | S E | 0 | ... | Clear. |
| 4 | 29·978 | 0·114 | 77·3 | 71·4 | 81·1 | 69·1 | ... | 65·0 | 0·690 | 73 | ... | S E | 12 | ... | Fine. |
| 5 | 30·020 | 0·140 | 78·2 | 72·2 | 84·6 | 71·1 | ... | 65·4 | 0·711 | 74 | ... | E by S | 32 | ... | Fine with passing clouds. |
| 6 | 30·036 | 0·135 | 79·4 | 72·3 | 85·0 | 74·8 | ... | 72·1 | 0·699 | 70 | ... | E N E | 23 | ... | Do. |
| 7 | 29·999 | 0·137 | 77·9 | 71·8 | 84·2 | 71·4 | ... | 66·1 | 0·700 | 74 | ... | East | 20 | ... | Fine. |
| 8 | 29·961 | 0·141 | 77·8 | 71·2 | 85·8 | 70·3 | ... | 63·1 | 0·677 | 72 | ... | E S E | 13 | ... | Do. |
| 9 | 29·981 | 0·134 | 77·4 | 70·5 | 84·2 | 69·8 | ... | 63·4 | 0·654 | 70 | ... | E S E | 20 | ... | Do. |
| 10 | 30·014 | 0·119 | 76·3 | 68·4 | 84·1 | 69·1 | ... | 67·0 | 0·589 | 64 | ... | S E by E | 28 | ... | Fine with passing clouds. |
| 11 | 29·972 | 0·156 | 76·1 | 68·7 | 84·5 | 65·1 | ... | 58·1 | 0·605 | 67 | .. | S E by E | 10 | ... | Fine. |
| 12 | 29·951 | 0·134 | 77·5 | 70·4 | 85·3 | 68·0 | ... | 61·7 | 0·660 | 69 | ... | S E | 13 | ... | Do. |
| 13 | 29·952 | 0·137 | 78·8 | 72·6 | 85·4 | 71·1 | ... | 64·2 | 0·719 | 73 | ... | S E | 30 | ... | Fine with passing clouds. |
| 14 | 29·915 | 0·147 | 79·2 | 73·0 | 86·5 | 71·9 | ... | 65·5 | 0·730 | 73 | ... | S E by S | 20 | ... | Fine. |
| 15 | 29·915 | 0·128 | 79·7 | 72·5 | 87·3 | 72·1 | ... | 65·0 | 0·703 | 70 | ... | S E | 17 | ... | Do. |
| 16 | 29·956 | 0·125 | 79·5 | 72·7 | 87·1 | 72·0 | ... | 66·2 | 0·714 | 71 | 131 | S E by S | 13 | ... | Do. |
| 17 | 29·944 | 0·133 | 78·0 | 71·8 | 85·7 | 70·2 | ... | 63·9 | 0·699 | 73 | 146 | S E by S | 3 | ... | Clear. |
| 18 | 29·892 | 0·154 | 79·1 | 72·2 | 87·9 | 68·9 | ... | 62·6 | 0·698 | 70 | 162 | S S E | 23 | ... | Fine with passing clouds. |
| 19 | 29·892 | 0·112 | 81·2 | 74·7 | 89·6 | 73·3 | ... | 68·4 | 0·773 | 73 | 164 | S S E | 43 | ... | Hazy. |
| 20 | 29·923 | 0·140 | 80·0 | 73·8 | 87·8 | 73·9 | ... | 69·1 | 0·752 | 73 | 153 | S by E | 7 | ... | Fine |
| 21 | 29·926 | 0·129 | 78·5 | 71·8 | 86·6 | 69·7 | ... | 63·4 | 0·691 | 71 | 136 | S S E | 12 | ... | Do. |
| 22 | 29·905 | 0·129 | 78·7 | 72·8 | 87·6 | 69·3 | ... | 61·0 | 0·729 | 74 | 175 | South | 3 | ... | Clear. |
| 23 | 29·906 | 0·156 | 79·0 | 73·4 | 87·5 | 71·1 | ... | 66·5 | 0·749 | 76 | 153 | S by E | 10 | ... | Do. |
| 24 | 29·918 | 0·107 | 78·8 | 73·2 | 87·7 | 70·7 | ... | 64·0 | 0·744 | 76 | 127 | S S E | 12 | ... | Fine. |
| 25 | 29·945 | 0·130 | 77·8 | 72·4 | 86·1 | 70·6 | ... | 64·5 | 0·724 | 75 | 110 | S S E | 3 | ... | Clear. |
| 26 | 29·949 | 0·150 | 79·7 | 74·1 | 87·6 | 70·1 | ... | 63·4 | 0·769 | 76 | 137 | S S E | 3 | ... | Do. |
| 27 | 29·932 | 0·126 | 79·9 | 74·7 | 87·8 | 72·0 | ... | 64·6 | 0·791 | 77 | 141 | S S E | 13 | ... | Fine. |
| 28 | 29·897 | 0·121 | 81·4 | 75·1 | 89·4 | 73·8 | ... | 67·5 | 0·788 | 73 | 180 | S S E | 18 | ... | Do. |
| 29 | 29·909 | 0·148 | 81·7 | 75·6 | 91·6 | 75·0 | ... | 71·1 | 0·806 | 75 | 169 | S S E | 13 | ... | Do. |
| 30 | 29·924 | 0·134 | 82·3 | 75·0 | 89·8 | 75·0 | ... | 73·6 | 0·771 | 70 | 181 | S S E | 20 | ... | Do. |
| 31 | 29·911 | 0·127 | 82·2 | 75·2 | 91·2 | 75·0 | ... | 73·6 | 0·781 | 71 | 178 | S S E | 20 | ... | Do. |
| Mean | 29·944 | 0·133 | 78·9 | 72·5 | 86·6 | 71·3 | ... | 65·7 | 0·715 | 72 | ... | S E by S | 15 | *Nil.* | |

# Madras Meteorological Observations. 1864—April.

| April 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·905 | 0·138 | 82·2 | 77·0 | 88·6 | 75·4 | ... | 70·2 | 0·859 | 78 | 175 | S S E | 23 | ... | Fine. |
| 2 | 29·925 | 0·130 | 82·7 | 76·6 | 89·1 | 76·0 | ... | 72·9 | 0·835 | 75 | 169 | S E by S | 23 | ... | Do. |
| 3 | 29·946 | 0·126 | 81·7 | 75·4 | 88·5 | 75·4 | ... | 69·2 | 0·797 | 73 | 131 | S E | 7 | ... | Clear. |
| 4 | 29·930 | 0·108 | 80·1 | 73·6 | 87·9 | 72·3 | ... | 66·0 | 0·742 | 72 | 104 | S E | 10 | ... | Fine. |
| 5 | 29·905 | 0·111 | 80·0 | 72·9 | 87·8 | 71·1 | ... | 64·8 | 0·715 | 70 | 120 | S E | 13 | ... | Do. |
| 6 | 29·856 | 0·132 | 81·0 | 74·6 | 88·6 | 72·3 | ... | 65·4 | 0·771 | 73 | 141 | S by W | 7 | ... | Clear. |
| 7 | 29·815 | 0·138 | 82·5 | 77·2 | 90·1 | 74·4 | ... | 69·8 | 0·864 | 78 | 163 | S E by S | 37 | ... | Fine with passing clouds. |
| 8 | 29·780 | 0·145 | 84·1 | 78·1 | 90·9 | 78·0 | ... | 74·6 | 0·882 | 75 | 181 | S S E | 15 | ... | Fine. |
| 9 | 29·813 | 0·137 | 83·6 | 76·9 | 90·0 | 78·7 | ... | 74·7 | 0·835 | 73 | 155 | S S E | 20 | ... | Do. |
| 10 | 29·846 | 0·112 | 81·9 | 74·8 | 88·8 | 74·8 | ... | 68·8 | 0·768 | 71 | 118 | S E | 5 | ... | Clear. |
| 11 | 29·879 | 0·122 | 81·3 | 74·2 | 89·0 | 72·3 | ... | 65·2 | 0·752 | 71 | 106 | S E | 3 | ... | Do. |
| 12 | 29·882 | 0·130 | 82·8 | 76·4 | 89·4 | 75·6 | ... | 69·0 | 0·824 | 73 | 100 | S E | 20 | ... | Fine. |
| 13 | 29·834 | 0·136 | 83·7 | 76·5 | 90·5 | 75·8 | ... | 70·2 | 0·817 | 71 | 131 | S E | 12 | ... | Do. |
| 14 | 29·763 | 0·104 | 83·7 | 77·6 | 93·1 | 77·2 | ... | 73·2 | 0·866 | 75 | 159 | S S E | 33 | ... | Fine with passing clouds. |
| 15 | 29·793 | 0·129 | 83·3 | 76·8 | 90·0 | 75·1 | ... | 75·3 | 0·835 | 73 | 149 | S E by E | 23 | ... | Do. |
| 16 | 29·824 | 0·130 | 83·7 | 76·4 | 90·0 | 76·5 | ... | 69·2 | 0·812 | 70 | 121 | S S E | 20 | ... | Fine. |
| 17 | 29·837 | 0·136 | 82·6 | 76·2 | 90·1 | 76·3 | ... | 70·1 | 0·818 | 73 | 99 | S S E | 40 | ... | Fine with passing clouds. |
| 18 | 29·844 | 0·128 | 82·7 | 75·0 | 89·2 | 75·7 | ... | 70·1 | 0·766 | 68 | 90 | S E | 53 | ... | Cloudy. |
| 19 | 29·835 | 0·110 | 83·1 | 75·9 | 89·8 | 74·8 | ... | 69·4 | 0·798 | 70 | 118 | S S E | 33 | ... | Fine with passing clouds. |
| 20 | 29·831 | 0·119 | 83·9 | 77·4 | 91·7 | 77·5 | ... | 73·9 | 0·853 | 73 | 108 | S S E | 87 | ... | Cloudy. |
| 21 | 29·834 | 0·112 | 83·8 | 77·7 | 92·1 | 75·8 | ... | 76·3 | 0·869 | 75 | 122 | S E by S | 78 | ... | Do. |
| 22 | 29·830 | 0·108 | 84·5 | 77·6 | 90·9 | 78·6 | ... | 74·1 | 0·854 | 72 | 106 | E S E | 48 | ... | Fine with passing clouds. |
| 23 | 29·865 | 0·112 | 84·2 | 78·7 | 90·5 | 78·8 | ... | 74·2 | 0·908 | 77 | 129 | S S E | 73 | 0·23 | Cloudy. |
| 24 | 29·885 | 0·098 | 84·3 | 77·5 | 90·5 | 77·1 | ... | 74·2 | 0·853 | 73 | 121 | S by E | 30 | ... | Fine with passing clouds. |
| 25 | 29·879 | 0·110 | 85·5 | 78·0 | 92·8 | 77·9 | ... | 76·7 | 0·859 | 75 | 173 | S by E | 0 | ... | Clear. |
| 26 | 29·845 | 0·123 | 86·1 | 79·6 | 94·9 | 78·0 | ... | 74·4 | 0·924 | 74 | 163 | South | 0 | ... | Do. |
| 27 | 29·799 | 0·159 | 85·0 | 77·6 | 96·9 | 78·1 | ... | 76·2 | 0·848 | 70 | 157 | South | 45 | ... | Passing clouds. |
| 28 | 29·796 | 0·140 | 87·0 | 78·7 | 97·9 | 78·6 | ... | 77·3 | 0·870 | 67 | 165 | South | 20 | ... | Fine. |
| 29 | 29·811 | 0·106 | 86·2 | 79·5 | 95·7 | 78·8 | ... | 77·9 | 0·917 | 73 | 185 | South | 18 | ... | Do. |
| 30 | 29·847 | 0·140 | 85·5 | 79·7 | 93·2 | 78·5 | ... | 78·2 | 0·937 | 77 | 191 | S by E | 13 | ... | Do. |
| Mean | 29·848 | 0·124 | 83·4 | 76·8 | 91·0 | 76·2 | ... | 72·1 | 0·835 | 73 | 138 | S S E | 27 | 0·23 | |

# Madras Meteorological Observations. 1864—May.

| May 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·861 | 0·120 | 85·3 | 78·5 | 92·3 | 79·9 | ... | 76·4 | 0·884 | 73 | 162 | S by E | 13 | ... | Fine. |
| 2 | 29·834 | 0·161 | 84·8 | 78·5 | 91·3 | 79·3 | ... | 75·6 | 0·881 | 75 | 135 | S by E | 27 | ... | Fine with passing clouds. |
| 3 | 29·829 | 0·142 | 85·2 | 76·8 | 91·2 | 78·0 | ... | 75·9 | 0·809 | 67 | 119 | S S E | 18 | ... | Fine. |
| 4 | 29·810 | 0·126 | 84·7 | 78·7 | 91·9 | 78·1 | ... | 73·4 | 0·901 | 76 | 125 | S S E | 15 | ... | Do. |
| 5 | 29·823 | 0·121 | 85·0 | 78·7 | 92·9 | 77·4 | ... | 75·6 | 0·899 | 75 | 124 | S S E | 0 | ... | Clear. |
| 6 | 29·790 | 0·134 | 85·8 | 78·2 | 94·9 | 78·1 | ... | 74·6 | 0·864 | 70 | 122 | S S E | 10 | ... | Fine. |
| 7 | 29·795 | 0·112 | 85·7 | 78·7 | 92·6 | 77·8 | ... | 76·3 | 0·888 | 72 | 99 | S S E | 40 | ... | Fine with passing clouds. |
| 8 | 29·819 | 0·137 | 85·8 | 78·8 | 93·0 | 80·6 | ... | 75·5 | 0·892 | 72 | 90 | S E | 27 | ... | Fine with passing clouds : th. |
| 9 | 29·818 | 0·149 | 84·1 | 77·9 | 92·9 | 79·5 | ... | 75·4 | 0·873 | 75 | 117 | S S W | 60 | 0·03 | Morning fine : afternoon th. and lg. |
| 10 | 29·841 | 0·098 | 84·7 | 76·4 | 92·3 | 76·6 | ... | 72·6 | 0·799 | 67 | 120 | S E | 67 | ... | Cloudy. |
| 11 | 29·872 | 0·087 | 85·0 | 78·2 | 91·1 | 81·1 | ... | 77·9 | 0·874 | 73 | 129 | S by E | 83 | ... | Do. |
| 12 | 29·884 | 0·105 | 85·6 | 78·6 | 93·1 | 80·1 | ... | 77·8 | 0·885 | 72 | 120 | S by E | 33 | ... | Do. |
| 13 | 29·895 | 0·123 | 85·3 | 76·9 | 92·8 | 78·2 | ... | 74·7 | 0·812 | 67 | 117 | S by E | 10 | ... | Fine. |
| 14 | 29·877 | 0·155 | 85·1 | 78·1 | 92·1 | 78·1 | ... | 74·0 | 0·869 | 72 | 178 | S S E | 13 | ... | Do. |
| 15 | 29·846 | 0·146 | 86·0 | 76·5 | 93·2 | 78·6 | ... | 73·6 | 0·786 | 63 | 163 | S S E | 27 | ... | Fine with passing clouds. |
| 16 | 29·835 | 0·142 | 85·9 | 78·2 | 92·3 | 79·6 | ... | 74·9 | 0·862 | 69 | 175 | South | 50 | ... | Do. |
| 17 | 29·840 | 0·139 | 85·9 | 78·3 | 92·7 | 79·2 | ... | 75·2 | 0·868 | 70 | 194 | South | 37 | .. | Do. |
| 18 | 29·899 | 0·118 | 85·0 | 77·9 | 92·5 | 79·6 | ... | 76·2 | 0·862 | 72 | 172 | S S E | 45 | ... | Do. |
| 19 | 29·882 | 0·162 | 85·4 | 77·6 | 92·5 | 78·6 | ... | 74·9 | 0·843 | 69 | 178 | South | 17 | ... | Fine. |
| 20 | 29·852 | 0·169 | 86·2 | 78·0 | 94·0 | 79·3 | ... | 74·4 | 0·849 | 68 | 205 | South | 27 | ... | Fine with passing clouds. |
| 21 | 29·802 | 0·136 | 85·6 | 78·3 | 93·8 | 79·1 | ... | 76·8 | 0·872 | 71 | 221 | S S E | 18 | ... | Fine : lg. |
| 22 | 29·826 | 0·119 | 87·3 | 78·0 | 95·3 | 80·9 | ... | 77·9 | 0·834 | 64 | 264 | South | 2 | ... | Clear. |
| 23 | 29·808 | 0·145 | 87·3 | 79·2 | 97·8 | 80·0 | ... | 76·8 | 0·890 | 69 | 225 | South | 3 | ... | Do. |
| 24 | 29·743 | 0·153 | 88·0 | 79·6 | 96·1 | 80·8 | ... | 76·4 | 0·898 | 67 | 255 | Sou h | 7 | ... | Clear : lg. |
| 25 | 29·710 | 0·145 | 89·9 | 79·4 | 100·0 | 82·3 | ... | 76·8 | 0·863 | 61 | 191 | S S W | 30 | ... | Fine with passing clouds. |
| 26 | 29·709 | 0·122 | 87·9 | 79·0 | 95·1 | 83·5 | ... | 79·0 | 0·872 | 66 | 243 | South | 35 | ... | Do. |
| 27 | 29·729 | 0·125 | 87·3 | 78·3 | 94·9 | 79·9 | ... | 73·9 | 0·838 | 64 | 205 | South | 37 | ... | Do. |
| 28 | 29·717 | 0·129 | 87·4 | 78·1 | 96·8 | 79·7 | ... | 77·8 | 0·837 | 64 | 284 | South | 15 | ... | Fine. |
| 29 | 29·755 | 0·127 | 87·3 | 76·4 | 94·9 | 80·2 | ... | 76·7 | 0·763 | 58 | 164 | S S E | 35 | ... | Passing clouds : lg. S. W. |
| 30 | 29·718 | 0·133 | 85·8 | 76·8 | 100·9 | 82·1 | ... | 77·4 | 0·801 | 65 | 181 | S W | 53 | ... | Cloudy : th. |
| 31 | 29·702 | 0·133 | 88·6 | 78·3 | 99·7 | 80·8 | ... | 76·3 | 0·831 | 61 | 217 | S S W | 27 | ... | Fine with passing clouds : th N. W. |
| Mean | 29·811 | 0·133 | 86·1 | 78·1 | 94·1 | 79·6 | ... | 75·8 | 0·855 | 69 | 171 | S by E | 28 | 0·03 | |

# Madras Meteorological Observations. 1864—June.

| June 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·705 | 0·104 | 84·4 | 76·5 | 101·6 | 80·8 | ... | 74·4 | 0·807 | 68 | 223 | S W by S | 70 | 1·29 | Cloudy : th., lg. and rain. |
| 2 | 29·669 | 0·136 | 85·6 | 77·8 | 95·0 | 79·8 | ... | 75·5 | 0·849 | 69 | 208 | S S W | 28 | ... | Passing clouds. |
| 3 | 29·652 | 0·158 | 86·2 | 77·2 | 94·6 | 80·2 | ... | 75·5 | 0·813 | 65 | 263 | S by E | 28 | ... | Fine with passing clouds. |
| 4 | 29·635 | 0·133 | 86·8 | 77·3 | 94·5 | 81·4 | ... | 77·1 | 0·810 | 63 | 314 | South | 37 | ... | Passing clouds. |
| 5 | 29·613 | 0·144 | 87·0 | 77·0 | 98·1 | 81·0 | ... | 76·3 | 0·794 | 62 | 220 | South | 57 | 0·03 | Do. |
| 6 | 29·630 | 0·144 | 87·3 | 77·0 | 96·6 | 83·0 | ... | 79·1 | 0·790 | 61 | 252 | S S W | 83 | ... | Cloudy. |
| 7 | 29 656 | 0·117 | 88·4 | 77·4 | 98·6 | 83·1 | ... | 78·5 | 0·792 | 59 | 267 | S W | 60 | ... | Do. |
| 8 | 29·669 | 0·127 | 87·9 | 77·2 | 94·9 | 81·9 | ... | 76·1 | 0·790 | 60 | 264 | S W | 55 | ... | Passing clouds. |
| 9 | 29·696 | 0·135 | 87·6 | 78·0 | 97·1 | 82·6 | ... | 76·7 | 0·831 | 64 | 260 | S by W | 63 | ... | Cloudy : lg. |
| 10 | 29·621 | 0·164 | 86·6 | 77·6 | 96·9 | 81·7 | ... | 77·0 | 0·826 | 65 | 243 | S S W | 57 | ... | Do. |
| 11 | 29·581 | 0·146 | 86·9 | 77·8 | 97·9 | 81·8 | ... | 77·0 | 0·831 | 65 | 245 | S W | 50 | ... | Fine with passing clouds : th. N. W. |
| 12 | 29·623 | 0·104 | 85·8 | 78·1 | 98·4 | 80·5 | ... | 76·6 | 0·859 | 69 | 235 | S W by W | 47 | 0·36 | Fine with passing clouds. |
| 13 | 29·653 | 0·102 | 84·4 | 78·0 | 97·1 | 77·3 | ... | 76·8 | 0·873 | 74 | 211 | S W by W | 50 | 0·10 | Do. do. |
| 14 | 29·705 | 0·092 | 87·3 | 77·8 | 97·6 | 79·3 | ... | 76·7 | 0·826 | 64 | 214 | W S W | 60 | ... | Cloudy. |
| 15 | 29·723 | 0·120 | 87·4 | 76·3 | 97·7 | 82·2 | ... | 76·0 | 0·758 | 58 | 200 | W S W | 70 | ... | Cloudy : th. |
| 16 | 29·707 | 0·121 | 87·6 | 77·9 | 100·1 | 82·1 | ... | 76·2 | 0·826 | 63 | 220 | S W | 23 | ... | Fine with passing clouds. |
| 17 | 29·683 | 0·113 | 88·5 | 78·3 | 100·6 | 82·4 | ... | 77·4 | 0·832 | 62 | 230 | W S W | 23 | ... | Do. do. |
| 18 | 29·698 | 0·087 | 87·3 | 77·6 | 95·6 | 82·5 | ... | 77·5 | 0·817 | 63 | 200 | S S W | 53 | ... | Passing clouds. |
| 19 | 29·735 | 0·087 | 85·8 | 77·3 | 97·7 | 79·5 | ... | 76·7 | 0·823 | 66 | 214 | S S W | 57 | ... | Passing clouds : lg. S. W. |
| 20 | 29·748 | 0·130 | 86·7 | 75·6 | 98·3 | 76·6 | ... | 75·4 | 0·737 | 58 | 208 | W S W | 50 | 0·03 | Passing clouds. |
| 21 | 29·783 | 0·129 | 86·5 | 77·0 | 99·1 | 81·2 | ... | 76·9 | 0·801 | 63 | 220 | West | 63 | 0·03 | Cloudy. |
| 22 | 29·787 | 0·117 | 87·6 | 75·4 | 98·0 | 81·4 | ... | 78·1 | 0·717 | 55 | 227 | W S W | 73 | 0·02 | Do. |
| 23 | 29·846 | 0·149 | 81·5 | 74·2 | 90·4 | 77·9 | ... | 77·5 | 0·750 | 70 | 200 | West | 97 | 0·04 | Overcast. |
| 24 | 29·837 | 0·116 | 83·9 | 76·2 | 92·3 | 78·5 | ... | 75·4 | 0·801 | 69 | 169 | West | 97 | ... | Do. |
| 25 | 29·766 | 0·116 | 86·7 | 75·3 | 97·6 | 78·5 | ... | 75·1 | 0·724 | 57 | 177 | N W by N | 83 | 0·01 | Cloudy. |
| 26 | 29·732 | 0·128 | 90·0 | 74·2 | 98·0 | 83·1 | ... | 79·8 | 0·634 | 44 | 264 | West | 97 | ... | Overcast. |
| 27 | 29·752 | 0·128 | 89·3 | 75·3 | 98·9 | 83·3 | ... | 79·6 | 0·689 | 50 | 245 | W by S | 80 | ... | Cloudy. |
| 28 | 29·781 | 0·125 | 88·4 | 75·2 | 97·5 | 83·5 | ... | 80·6 | 0·697 | 52 | 290 | S W | 70 | ... | Do. |
| 29 | 29·797 | 0·127 | 87·3 | 75·6 | 100·3 | 82·5 | ... | 78·4 | 0·729 | 57 | 217 | S by W | 70 | ... | Do. |
| 30 | 29·771 | 0·136 | 86·6 | 76·0 | 99·1 | 81·7 | ... | 77·3 | 0·756 | 60 | 201 | South | 72 | 0·04 | Do. |
| Mean | 29·708 | 0·125 | 86·8 | 76·7 | 97·3 | 81·0 | ... | 77·0 | 0·786 | 62 | 230 | S W | 61 | 1·95 | |

# Madras Meteorological Observations. 1864—July.

| July 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches. | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents. | Miles | Points | Cents | Inches | |
| 1 | 29·742 | 0·140 | 87·0 | 76·2 | 98·4 | 81·5 | ... | 77·7 | 0·759 | 59 | 171 | South | 53 | ... | Passing clouds. |
| 2 | 29·742 | 0·110 | 86·1 | 76·5 | 98·0 | 79·4 | ... | 76·1 | 0·785 | 63 | 239 | S by W | 65 | 0·03 | Do. |
| 3 | 29·765 | 0·106 | 86·1 | 76·8 | 98·9 | 79·0 | ... | 77·3 | 0·797 | 64 | 221 | S by W | 73 | 0·44 | Cloudy. |
| 4 | 29·720 | 0·160 | 85·4 | 77·4 | 99·5 | 78·2 | ... | 74·9 | 0·833 | 68 | 208 | S S W | 57 | 0·03 | Do. |
| 5 | 29·695 | 0·149 | 88·5 | 75·3 | 100·1 | 80·6 | ... | 76·5 | 0·700 | 52 | 236 | S W by S | 67 | 0·01 | Do. |
| 6 | 29·682 | 0·104 | 86·6 | 74·3 | 92·3 | 80·7 | ... | 76·8 | 0·683 | 54 | 183 | W S W | 93 | ... | Overcast. |
| 7 | 29·672 | 0·134 | 86·1 | 74·7 | 95·4 | 82·8 | ... | 79·2 | 0·707 | 57 | 228 | S W | 97 | ... | Do. |
| 8 | 29·663 | 0·158 | 85·3 | 75·4 | 95·4 | 82·9 | ... | 79·8 | 0·748 | 61 | 218 | S W | 97 | 0·10 | Do. |
| 9 | 29·682 | 0·119 | 84·5 | 75·7 | 93·9 | 78·5 | ... | 75·0 | 0·771 | 67 | 199 | S W | 93 | 0·05 | Do. |
| 10 | 29·721 | 0·092 | 85·3 | 75·8 | 97·7 | 80·1 | ... | 74·6 | 0·765 | 63 | 218 | SW by S | 70 | 0·01 | Cloudy. |
| 11 | 29·742 | 0·154 | 86·5 | 75·4 | 97·3 | 78·4 | ... | 74·8 | 0·732 | 58 | 230 | SW by S | 75 | ... | Do. |
| 12 | 29·737 | 0·127 | 86·1 | 73·6 | 97·3 | 81·8 | ... | 77·0 | 0·661 | 53 | 261 | W S. W | 90 | ... | Overcast. |
| 13 | 29·730 | 0·158 | 84·7 | 72·8 | 90·1 | 80·3 | ... | 76·6 | 0·648 | 54 | 216 | W S. W | 100 | ... | Do. |
| 14 | 29·677 | 0·134 | 84·9 | 73·4 | 93·1 | 80·4 | ... | 77·5 | 0·669 | 56 | 247 | W S. W | 100 | 0·01 | Do. |
| 15 | 29·683 | 0·070 | 80·6 | 74·3 | 92·7 | 77·7 | ... | 76·7 | 0·766 | 73 | 203 | S W. | 100 | 0·48 | Do. |
| 16 | 29·677 | 0·154 | 82·3 | 74·2 | 89·4 | 77·7 | ... | 74·0 | 0·738 | 67 | 305 | S W. | 100 | 0·08 | Do. |
| 17 | 29·706 | 0·114 | 84·7 | 73·2 | 93·5 | 77·0 | ... | 73·6 | 0·664 | 56 | 333 | SW by W | 97 | ... | Do. |
| 18 | 29·682 | 0·155 | 87·2 | 73·6 | 96·6 | 79·9 | ... | 75·2 | 0·647 | 50 | 325 | SW by W | 77 | ... | Cloudy. |
| 19 | 29·685 | 0·126 | 87·2 | 74·6 | 98·7 | 78·8 | ... | 73·3 | 0·688 | 54 | 252 | W S W | 70 | 0·17 | Do. |
| 20 | 29·720 | 0·095 | 82·6 | 74·4 | 95·7 | 78·2 | ... | 75·5 | 0·742 | 66 | 220 | W N W | 87 | 0·14 | Do. |
| 21 | 29·717 | 0·146 | 87·2 | 74·5 | 97·2 | 77·7 | ... | 76·5 | 0·685 | 53 | 282 | W S W | 80 | ... | Do. |
| 22 | 29·741 | 0·128 | 88·6 | 74·3 | 98·2 | 82·3 | ... | 76·1 | 0·656 | 48 | 283 | S W | 78 | .. | Do. |
| 23 | 29·756 | 0·140 | 90·1 | 73·9 | 99·7 | 81·0 | ... | 74·6 | 0·620 | 44 | 249 | S W | 60 | ... | Passing clouds. |
| 24 | 29·779 | 0·145 | 90·8 | 72·7 | 100·2 | 82·6 | ... | 76·8 | 0·561 | 39 | 280 | W S W | 43 | ... | Do. |
| 25 | 29·817 | 0·137 | 89·9 | 73·3 | 98·4 | 83·4 | ... | 77·5 | 0·598 | 43 | 282 | W S W | 57 | ... | Do. |
| 26 | 29·825 | 0·160 | 88·8 | 73·8 | 99·1 | 81·9 | ... | 76·3 | 0·633 | 46 | 264 | W S W | 67 | ... | Do. |
| 27 | 29·805 | 0·127 | 86·3 | 74·7 | 98·3 | 81·2 | ... | 77·2 | 0·705 | 57 | 247 | S S W | 60 | ... | Do. |
| 28 | 29·806 | 0·119 | 87·3 | 74·8 | 96·4 | 81·8 | ... | 76·8 | 0·695 | 54 | 250 | S by W | 63 | ... | Do. |
| 29 | 29·836 | 0·104 | 83·0 | 75·7 | 96·5 | 75·5 | ... | 76·7 | 0·793 | 70 | 194 | SE by S | 63 | 0·33 | Do. |
| 30 | 29·856 | 0·125 | 82·0 | 76·0 | 92·7 | 75·5 | ... | 74·2 | 0·818 | 75 | 187 | SW by S | 80 | 0·24 | Cloudy. |
| 31 | 29·842 | 0·095 | 81·8 | 76·1 | 87·5 | 74·7 | ... | 71·8 | 0·824 | 76 | 200 | S W | 100 | 0·08 | Overcast. |
| Mean | 29·739 | 0·129 | 85·9 | 74·8 | 96·1 | 79·7 | ... | 76·0 | 0·713 | 58 | 240 | S W. | 78 | 2·20 | |

# Madras Meteorological Observations. 1864—August.

| August 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·811 | 0·128 | 81·4 | 75·8 | 90·5 | 75·5 | ... | 73·6 | 0·819 | 77 | 156 | SW by S | 97 | 0·26 | Overcast with rain. |
| 2 | 29·808 | 0·135 | 80·8 | 76·2 | 90·8 | 75·6 | ... | 73·9 | 0·843 | 80 | 134 | S W | 90 | 1·28 | Do. do. |
| 3 | 29·826 | 0·124 | 80·8 | 76·7 | 89·7 | 74·0 | ... | 72·1 | 0·866 | 82 | 209 | S S W | 87 | 1·01 | Do. do. |
| 4 | 29·857 | 0·118 | 80·7 | 75·6 | 91·5 | 74·1 | ... | 73·4 | 0·818 | 78 | 218 | S S W | 80 | 0·97 | Cloudy : rain. |
| 5 | 29·799 | 0·149 | 82·3 | 76·1 | 91·5 | 74·6 | ... | 73·6 | 0·818 | 74 | 189 | SW by S | 77 | ... | Do. |
| 6 | 29·775 | 0·143 | 84·5 | 75·7 | 92·8 | 78·7 | ... | 71·9 | 0·771 | 67 | 183 | W S W | 70 | ... | Do. |
| 7 | 29·720 | 0·113 | 86·1 | 75·4 | 94·1 | 78·7 | ... | 74·7 | 0·737 | 59 | 247 | W by S | 47 | ... | Passing clouds. |
| 8 | 29·722 | 0·132 | 86·7 | 75·2 | 96·1 | 80·6 | ... | 75·9 | 0·720 | 57 | 241 | S W | 40 | ... | Hazy. |
| 9 | 29·765 | 0·155 | 86·1 | 74·5 | 95·8 | 79·0 | ... | 73·3 | 0·699 | 57 | 230 | S W | 49 | ... | Do. |
| 10 | 29·753 | 0·140 | 86·0 | 74·8 | 96·7 | 79·3 | ... | 71·9 | 0·712 | 58 | 240 | S W | 60 | 0·37 | Cloudy. |
| 11 | 29·748 | 0·159 | 84·1 | 77·1 | 95·6 | 78·7 | ... | 74·2 | 0·836 | 72 | 215 | SW by S | 59 | 0·03 | Passing clouds. |
| 12 | 29·736 | 0·124 | 85·2 | 75·3 | 94·1 | 77·5 | ... | 74·1 | 0·745 | 61 | 216 | W S W | 83 | ... | Cloudy. |
| 13 | 29·733 | 0·140 | 87·3 | 72·7 | 95·3 | 79·9 | ... | 73·6 | 0·609 | 47 | 247 | West | 80 | ... | Do. |
| 14 | 29·767 | 0·125 | 86·6 | 73·7 | 96·5 | 80·7 | ... | 75·9 | 0·658 | 52 | 257 | W S W | 77 | 0·01 | Do. |
| 15 | 29·819 | 0·139 | 85·3 | 74·7 | 97·0 | 80·1 | ... | 73·7 | 0·718 | 59 | 201 | S W | 39 | ... | Fine with passing clouds. |
| 16 | 29·826 | 0·158 | 85·4 | 73·4 | 93·8 | 80·3 | ... | 72·9 | 0·632 | 54 | 175 | South | 7 | ... | Fine. |
| 17 | 29·824 | 0·149 | 85·3 | 74·9 | 93·6 | 78·7 | ... | 73·2 | 0·726 | 59 | 163 | S by E | 20 | ... | Fine with passing clouds. |
| 18 | 29·835 | 0·134 | 85·5 | 76·5 | 94·0 | 78·8 | ... | 73·7 | 0·792 | 65 | 151 | S by E | 30 | ... | Do. do. |
| 19 | 29·833 | 0·109 | 86·5 | 76·6 | 93·6 | 80·3 | ... | 75·5 | 0·783 | 62 | 163 | S by W | 33 | ... | Do. do. |
| 20 | 29·837 | 0·123 | 84·5 | 76·3 | 02·7 | 78·9 | ... | 74·9 | 0·797 | 67 | 146 | South | 57 | ... | Passing clouds : lg. |
| 21 | 29·839 | 0·109 | 84·5 | 76·7 | 02·8 | 78·0 | ... | 74·4 | 0·815 | 69 | 145 | South | 49 | ... | Do. do. |
| 22 | 29·809 | 0·149 | 84·1 | 76·8 | 94·0 | 77·4 | ... | 74·1 | 0·824 | 71 | 132 | South | 30 | ... | Fine with passing clouds : lg. W. |
| 23 | 29·791 | 0·147 | 84·4 | 76·1 | 92·7 | 75·5 | ... | 72·7 | 0·790 | 67 | 154 | South | 13 | ... | Fine. |
| 24 | 29·778 | 0·124 | 84·5 | 78·3 | 90·9 | 79·5 | ... | 75·9 | 0·886 | 75 | 112 | S E | 49 | 0·04 | Light clouds : lg. S. W. |
| 25 | 29·756 | 0·140 | 83·3 | 76·4 | 92·4 | 75·4 | ... | 72·4 | 0·817 | 71 | 219 | South | 40 | 0·01 | Fine with passing clouds : lg. N. |
| 26 | 29·744 | 0·151 | 85·1 | 77·2 | 93·5 | 78·6 | ... | 75·0 | 0·828 | 68 | 172 | S by E | 15 | ... | Fine : lg. S. W. |
| 27 | 29·734 | 0·116 | 81·5 | 76·6 | 92·3 | 77·0 | ... | 76·0 | 0·851 | 79 | 146 | S S W | 67 | 0·99 | Thunder showers : th. and lg. |
| 28 | 29·772 | 0·119 | 76·2 | 73·5 | 79·4 | 74·2 | ... | 72·7 | 0·791 | 87 | 128 | West | 100 | 1·55 | Overcast with rain. |
| 29 | 29·754 | 0·124 | 76·3 | 73·2 | 78·2 | 74·0 | ... | 71·7 | 0·778 | 86 | 195 | W S W | 93 | 0·79 | Do. do. |
| 30 | 29·747 | 0·112 | 80·0 | 74·7 | 86·6 | 74·5 | ... | 72·6 | 0·790 | 77 | 170 | W S W | 80 | 0·01 | Cloudy : lg. S. |
| 31 | 29·740 | 0·110 | 81·8 | 75·4 | 86·7 | 76·7 | ... | 73·5 | 0·795 | 73 | 160 | W S W | 87 | ... | Do. |
| Mean | 29·783 | 0·132 | 83·6 | 75·6 | 92·1 | 77·6 | ... | 73·8 | 0·777 | 68 | 185 | SW by S | 57 | 7·32 | |

## Madras Meteorological Observations. 1864—September.

| September 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·759 | 0·102 | 83·0 | 75·3 | 89·4 | 77·5 | ... | 73·7 | 0·775 | 68 | 222 | W by S | 90 | ... | Cloudy. |
| 2 | 29·774 | 0·142 | 83·7 | 75·4 | 91·8 | 79·0 | ... | 74·8 | 0·770 | 66 | 193 | W S W | 70 | 0·02 | Do. |
| 3 | 29·797 | 0·148 | 83·8 | 75·7 | 93·0 | 79·3 | ... | 75·1 | 0·781 | 68 | 207 | SW by W | 73 | 0·07 | Cloudy : th. and lg. |
| 4 | 29·804 | 0·135 | 83·9 | 76·9 | 95·2 | 78·8 | ... | 74·7 | 0·831 | 72 | 222 | S W by S | 70 | ... | Cloudy : th. and lg. S. E. and S. W. |
| 5 | 29·792 | 0·104 | 80·7 | 75·7 | 92·4 | 77·8 | ... | 75·0 | 0·822 | 78 | 224 | S W | 83 | 0·21 | Cloudy : th. and lg. S. W. |
| 6 | 29·752 | 0·142 | 83·3 | 76·6 | 95·2 | 77·8 | ... | 74·6 | 0·826 | 73 | 194 | S S W | 80 | ... | Cloudy : th. and lg. N. W. |
| 7 | 29·753 | 0·134 | 81·8 | 76·6 | 90·5 | 77·7 | ... | 74·3 | 0·848 | 78 | 195 | S W by S | 87 | 0·16 | Cloudy : th. and lg. S. W. |
| 8 | 29·765 | 0·108 | 83·0 | 76·2 | 89·2 | 77·8 | ... | 74·6 | 0·813 | 72 | 159 | W S W | 93 | ... | Cloudy : lg. N. W. |
| 9 | 29·771 | 0·140 | 84·0 | 75·2 | 92·1 | 78·1 | ... | 75·5 | 0·757 | 64 | 192 | West | 80 | ... | Cloudy. |
| 10 | 29·808 | 0·112 | 84·6 | 74·8 | 92·2 | 78·5 | ... | 75·0 | 0·731 | 61 | 228 | W S W | 50 | ... | Passing clouds. |
| 11 | 29·839 | 0·110 | 83·8 | 75·8 | 92·3 | 78·9 | ... | 75·5 | 0·785 | 68 | 206 | S S E | 40 | ... | Fine with passing clouds. |
| 12 | 29·834 | 0·108 | 84·9 | 75·8 | 92·9 | 78·7 | ... | 73·1 | 0·770 | 63 | 152 | S E by S | 43 | ... | Do. do. |
| 13 | 29·810 | 0·141 | 85·2 | 75·5 | 94·8 | 78·9 | ... | 72·7 | 0·754 | 62 | 175 | S E by S | 30 | ... | Do. do. |
| 14 | 29·807 | 0·115 | 84·8 | 75·6 | 93·4 | 78·6 | ... | 73·7 | 0·762 | 62 | 158 | S E by S | 27 | ... | Do. do. |
| 15 | 29·819 | 0·123 | 84·5 | 76·3 | 93·8 | 78·7 | ... | 74·2 | 0·797 | 67 | 184 | South | 43 | ... | Passing clouds. |
| 16 | 29·807 | 0·131 | 84·5 | 76·2 | 94·4 | 78·2 | ... | 74·0 | 0·793 | 67 | 133 | S S E | 60 | ... | Do. |
| 17 | 29·814 | 0·126 | 84·5 | 74·7 | 93·2 | 78·4 | ... | 74·2 | 0·729 | 61 | 149 | S W | 80 | ... | Cloudy : lg. S. |
| 18 | 29·835 | 0·139 | 84·8 | 77·3 | 93·9 | 78·8 | ... | 74·7 | 0·837 | 70 | 215 | S S W | 87 | ... | Cloudy. |
| 19 | 29·785 | 0·172 | 84·9 | 77·3 | 94·8 | 78·7 | ... | 75·0 | 0·836 | 70 | 256 | S by W | 40 | 0·12 | Passing clouds. |
| 20 | 29·762 | 0·165 | 84·1 | 76·7 | 94·9 | 77·2 | ... | 73·8 | 0·820 | 70 | 224 | S S W | 53 | ... | Do. |
| 21 | 29·809 | 0·125 | 85·1 | 76·8 | 94·0 | 78·7 | ... | 74·9 | 0·811 | 67 | 176 | S S E | 73 | ... | Cloudy : lg. S. W. |
| 22 | 29·833 | 0·131 | 86·2 | 75·7 | 92·7 | 80·7 | ... | 76·1 | 0·748 | 60 | 122 | S W by W | 90 | ... | Cloudy. |
| 23 | 29·826 | 0·119 | 83·7 | 76·1 | 94·4 | 80·3 | ... | 75·4 | 0·800 | 69 | 103 | N W by N | 70 | ... | Cloudy : lg. W. |
| 24 | 29·835 | 0·117 | 82·2 | 77·4 | 85·7 | 79·6 | ... | 75·5 | 0·878 | 80 | 87 | N W by W | 95 | 0·24 | Overcast. |
| 25 | 29·872 | 0·082 | 82·6 | 77·4 | 89·3 | 78·6 | ... | 75·9 | 0·871 | 78 | 71 | North | 83 | 0·01 | Cloudy. |
| 26 | 29·921 | 0·125 | 82·9 | 76·2 | 88·5 | 77·6 | ... | 71·8 | 0·814 | 72 | 93 | East | 23 | ... | Fine with passing clouds. |
| 27 | 29·896 | 0·140 | 82·8 | 75·6 | 89·5 | 75·4 | ... | 69·5 | 0·789 | 70 | 81 | E S E | 17 | ... | Fine. |
| 28 | 29·863 | 0·141 | 82·7 | 75·1 | 90·3 | 74·8 | ... | 70·0 | 0·771 | 69 | 109 | E S E | 13 | ... | Do. |
| 29 | 29·871 | 0·131 | 84·3 | 76·5 | 91·4 | 76·6 | ... | 72·0 | 0·809 | 69 | 117 | S E by E | 7 | ... | Fine : th. and lg. |
| 30 | 29·879 | 0·140 | 84·9 | 76·9 | 92·4 | 79·6 | ... | 75·0 | 0·817 | 68 | 82 | S E | 18 | ... | Fine : lg. N. |
| Mean | 29·816 | 0·128 | 83·8 | 76·1 | 92·3 | 78·3 | ... | 74·1 | 0·798 | 69 | 164 | S by W | 59 | 0·83 | |

# Madras Meteorological Observations. 1864—October.

| October 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·888 | 0·154 | 84·3 | 77·7 | 91·1 | 77·8 | ... | 73·4 | 0·862 | 74 | 92 | E S E | 37 | ... | Light clouds: th. and lg. N. |
| 2 | 29·847 | 0·126 | 82·3 | 75·7 | 88·3 | 75·8 | ... | 73·3 | 0·801 | 73 | 179 | N by E | 30 | 0·48 | Fine with passing clouds: lg. S. W. |
| 3 | 29·814 | 0·119 | 82·2 | 77·0 | 87·3 | 76·6 | ... | 73·7 | 0·859 | 78 | 149 | N N W | 47 | 0·42 | Fine with light clouds: th. S. |
| 4 | 29·813 | 0·116 | 82·4 | 76·3 | 88·7 | 76·1 | ... | 72·9 | 0·826 | 75 | 89 | N E by E | 37 | ... | Fine with passing clouds. |
| 5 | 29·826 | 0·114 | 82·7 | 75·0 | 91·5 | 75·9 | ... | 72·8 | 0·766 | 68 | 94 | S E by E | 27 | ... | Fine with passing clouds: lg. S. W. |
| 6 | 29·866 | 0·126 | 82·8 | 71·8 | 92·9 | 75·4 | ... | 73·5 | 0·633 | 57 | 103 | N E | 47 | ... | Hazy. |
| 7 | 29·854 | 0·121 | 84·6 | 72·4 | 92·4 | 77·9 | ... | 72·5 | 0·632 | 53 | 177 | N N E | 33 | ... | Fine with passing clouds. |
| 8 | 29·854 | 0·124 | 83·6 | 75·0 | 90·4 | 76·0 | ... | 72·3 | 0·754 | 65 | 166 | N E by N | 33 | ... | Fine with light clouds. |
| 9 | 29·847 | 0·117 | 83·7 | 75·3 | 89·9 | 76·0 | ... | 72·6 | 0·765 | 65 | 186 | N E by N | 32 | ... | Do. do. |
| 10 | 29·865 | 0·139 | 81·8 | 74·7 | 91·0 | 77·6 | ... | 72·5 | 0·766 | 71 | 128 | N N E | 87 | ... | Cloudy: lg. S. E. |
| 11 | 29·873 | 0·151 | 79·4 | 73·8 | 83·7 | 76·1 | ... | 70·5 | 0·760 | 76 | 146 | N by W | 97 | ... | Overcast. |
| 12 | 29·884 | 0·114 | 79·0 | 75·6 | 86·6 | 76·5 | ... | 74·7 | 0·839 | 85 | 119 | N N W | 97 | 0·07 | Do. |
| 13 | 29·883 | 0·121 | 81·2 | 74·2 | 90·6 | 73·4 | ... | 69·9 | 0·753 | 71 | 176 | N by E | 60 | ... | Fine with light clouds. |
| 14 | 29·921 | 0·124 | 81·7 | 74·9 | 88·8 | 76·5 | ... | 72·2 | 0·775 | 72 | 199 | N by W | 50 | ... | Do. do. |
| 15 | 29·930 | 0·114 | 81·6 | 76·1 | 87·5 | 75·5 | ... | 72·0 | 0·828 | 77 | 217 | N by E | 67 | ... | Cloudy. |
| 16 | 29·939 | 0·105 | 79·5 | 76·3 | 83·6 | 76·7 | ... | 73·6 | 0·865 | 86 | 93 | N by E | 57 | 1·68 | Passing clouds: th. and lg.: rain. |
| 17 | 29·934 | 0·099 | 77·8 | 74·9 | 85·7 | 75·0 | ... | 72·0 | 0·828 | 86 | 74 | N E | 77 | 0·24 | Cloudy: th. and lg.: rain. |
| 18 | 29·889 | 0·132 | 75·2 | 73·6 | 78·6 | 72·8 | ... | 73·2 | 0·809 | 93 | 218 | North | 100 | 4·09 | Overcast with rain. |
| 19 | 29·736 | 0·137 | 76·7 | 75·1 | 81·8 | 73·3 | ... | 73·6 | 0·851 | 93 | 431 | N E by N | 100 | 5·88 | Do. |
| 20 | 29·767 | 0·025 | 73·6 | 71·5 | 75·9 | 71·8 | ... | 70·9 | 0·745 | 90 | 265 | W N W | 100 | 0·90 | Do. |
| 21 | 29·855 | 0·104 | 79·0 | 76·1 | 85·8 | 72·5 | ... | 72·9 | 0·862 | 87 | 98 | S W by W | 93 | ... | Cloudy. |
| 22 | 29·923 | 0·102 | 79·9 | 74·3 | 87·4 | 74·8 | ... | 70·9 | 0·774 | 76 | 76 | N W by W | 35 | ... | Light clouds. |
| 23 | 29·925 | 0·135 | 79·7 | 74·3 | 87·5 | 73·0 | ... | 67·0 | 0·776 | 76 | 88 | N N W | 22 | ... | Fine with light clouds. |
| 24 | 29·923 | 0·125 | 79·4 | 75·7 | 88·9 | 74·3 | ... | 69·3 | 0·841 | 84 | 75 | S by E | 30 | ... | Fine with passing clouds. |
| 25 | 29·940 | 0·097 | 79·8 | 75·1 | 88·4 | 73·6 | ... | 66·3 | 0·809 | 79 | 81 | S by W | 3 | ... | Clear. |
| 26 | 29·980 | 0·113 | 78·7 | 73·7 | 85·5 | 72·8 | ... | 65·9 | 0·766 | 78 | 70 | S E by E | 7 | ... | Fine. |
| 27 | 29·981 | 0·118 | 79·5 | 73·4 | 85·4 | 72·6 | ... | 57·4 | 0·742 | 74 | 126 | N E | 5 | ... | Do. |
| 28 | 29·979 | 0·120 | 79·0 | 71·0 | 84·6 | 73·4 | ... | 65·9 | 0·653 | 66 | 139 | N N E | 20 | ... | Do. |
| 29 | 29·979 | 0·120 | 79·0 | 68·8 | 84·1 | 72·3 | ... | 64·9 | 0·568 | 58 | 207 | N N E | 12 | ... | Do. |
| 30 | 29·950 | 0·120 | 76·3 | 69·4 | 84·0 | 68·8 | ... | 59·6 | 0·627 | 69 | 161 | North | 18 | ... | Fine with light clouds. |
| 31 | 29·888 | 0·111 | 77·6 | 68·0 | 85·9 | 68·6 | ... | 61·6 | 0·558 | 59 | 172 | N by W | 25 | ... | Do. do. |
| Mean | 29·889 | 0·117 | 80·1 | 74·1 | 86·9 | 74·5 | ... | 70·1 | 0·764 | 75 | 148 | N by E | 48 | 13·76 | |

# Madras Meteorological Observations. 1864—November.

| November 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·807 | 0·138 | 80·3 | 69·9 | 89·0 | 73·7 | ... | 68·6 | 0·592 | 57 | 142 | West | 83 | ... | Cloudy. |
| 2 | 29·892 | 0·071 | 82·4 | 74·6 | 88·0 | 80·5 | ... | 75·7 | 0·753 | 68 | 363 | S by E | 67 | ... | Fine with light clouds. |
| 3 | 29·984 | 0·114 | 81·5 | 75·9 | 86·4 | 77·8 | ... | 73·8 | 0·821 | 77 | 169 | S E | 40 | ... | Fine with light clouds: th. |
| 4 | 30·003 | 0·095 | 79·7 | 75·0 | 84·4 | 74·5 | ... | 73·4 | 0·806 | 79 | 214 | E N E | 63 | 0·63 | Passing clouds. |
| 5 | 30·021 | 0·117 | 79·3 | 73·9 | 84·0 | 76·2 | ... | 74·4 | 0·765 | 76 | 203 | N E | 57 | 0·01 | Do. |
| 6 | 30·034 | 0·102 | 79·3 | 72·7 | 85·0 | 75·3 | ... | 69·5 | 0·717 | 71 | 172 | N E by N | 63 | ... | Do. |
| 7 | 29·990 | 0·102 | 77·7 | 71·1 | 82·8 | 73·7 | ... | 67·7 | 0·675 | 71 | 138 | N E | 43 | ... | Do. |
| 8 | 29·973 | ... | ... | ... | 83·6 | 70·6 | ... | 64·0 | ... | ... | 165 | N E by N | 47 | ... | Do. |
| 9 | 30·011 | 0·106 | 79·0 | 73·0 | 83·7 | 73·6 | ... | 65·7 | 0·732 | 74 | 188 | N E | 57 | ... | Do. |
| 10 | 30·037 | 0·110 | 79·4 | 73·5 | 83·5 | 77·1 | ... | 72·8 | 0·747 | 74 | 257 | N E | 70 | 0·21 | Cloudy. |
| 11 | 30·053 | 0·117 | 79·8 | 73·5 | 83·5 | 77·2 | ... | 73·5 | 0·742 | 73 | 256 | N E | 63 | 0·08 | Passing clouds. |
| 12 | 30·020 | 0·136 | 80·1 | 73·1 | 84·2 | 77·3 | ... | 73·5 | 0·722 | 70 | 234 | N E | 63 | 0·01 | Do. |
| 13 | 30·021 | 0·131 | 77·7 | 72·3 | 82·1 | 74·8 | ... | 71·6 | 0·721 | 75 | 231 | N by E | 77 | 0·51 | Cloudy: rain. |
| 14 | 29·979 | 0·128 | 75·7 | 72·0 | 82·9 | 73·0 | ... | 71·1 | 0·736 | 83 | 272 | N E by N | 85 | 0·92 | Do. do. |
| 15 | 29·945 | 0·125 | 75·6 | 72·1 | 81·6 | 71·8 | ... | 68·7 | 0·742 | 84 | 153 | N by E | 87 | ... | Do. |
| 16 | 29·959 | 0·098 | 76·8 | 73·1 | 83·1 | 72·2 | ... | 70·8 | 0·766 | 83 | 143 | North | 77 | 0·47 | Do. |
| 17 | 29·048 | 0·098 | 78·3 | 73·3 | 82·1 | 74·6 | ... | 69·7 | 0·754 | 78 | 290 | North | 87 | ... | Do. |
| 18 | 29·860 | 0·156 | 72·2 | 71·7 | 76·0 | 70·1 | ... | 70·0 | 0·772 | 98 | 416 | North | 100 | 9·35 | Overcast: heavy rain. |
| 19 | 29·916 | 0·044 | 74·4 | 72·2 | 80·3 | 70·7 | ... | 72·8 | 0·762 | 89 | 354 | E S E | 93 | 0·10 | Do. |
| 20 | 29·996 | 0·112 | 76·6 | 73·9 | 82·9 | 72·0 | ... | 70·1 | 0·801 | 87 | 67 | S by E | 50 | 0·07 | Passing clouds. |
| 21 | 30·000 | 0·110 | 77·6 | 74·6 | 82·7 | 73·6 | ... | 68·0 | 0·818 | 86 | 112 | East | 40 | 0·28 | Do. |
| 22 | 30·023 | 0·092 | 78·4 | 72·8 | 81·8 | 75·7 | ... | 71·5 | 0·733 | 76 | 237 | N E | 37 | ... | Do. |
| 23 | 30·035 | 0·097 | 78·0 | 71·0 | 81·8 | 75·5 | ... | 70·9 | 0·666 | 70 | 243 | N N E | 30 | ... | Do. |
| 24 | 29·998 | 0·122 | 76·1 | 70·8 | 80·9 | 71·4 | ... | 65·9 | 0·684 | 76 | 184 | N N E | 37 | ... | Do. |
| 25 | 29·981 | 0·109 | 74·6 | 69·1 | 80·1 | 70·2 | ... | 65·4 | 0·639 | 74 | 192 | North | 43 | ... | Do. |
| 26 | 29·954 | 0·105 | 74·3 | 69·8 | 79·2 | 69·8 | ... | 63·6 | 0·669 | 79 | 238 | N N W | 80 | 0·29 | Cloudy. |
| 27 | 29·920 | 0·124 | 73·9 | 71·5 | 78·9 | 72·0 | ... | 71·1 | 0·741 | 88 | 234 | N N W | 100 | 1·24 | Overcast with rain. |
| 28 | 29·980 | 0·131 | 73·7 | 71·9 | 75·4 | 72·7 | ... | 71·1 | 0·759 | 91 | 280 | E by N | 100 | 4·31 | Do. |
| 29 | 30·017 | 0·118 | 77·3 | 73·3 | 82·3 | 78·0 | ... | 71·1 | 0·767 | 82 | 224 | E N E | 70 | ... | Cloudy. |
| 30 | 30·024 | 0·108 | 77·5 | 73·9 | 82·0 | 73·4 | ... | 72·6 | 0·790 | 84 | 163 | N E | 70 | ... | Do. |
| Mean | 29·979 | 0·111 | 77·5 | 72·6 | 82·5 | 73·8 | ... | 70·3 | 0·738 | 78 | 211 | N E | 66 | 18·48 | |

# Madras Meteorological Observations. 1864—December.

| December 1864 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·019 | 0·089 | 77·0 | 72·8 | 82·5 | 74·7 | ... | 74·0 | 0·752 | 81 | 147 | N E | 60 | ... | Passing clouds. |
| 2 | 29·987 | 0·118 | 75·8 | 72·4 | 81·2 | 72·6 | ... | 71·8 | 0·751 | 84 | 81 | N N E | 57 | ... | Do. |
| 3 | 29·993 | 0·127 | 77·0 | 73·1 | 82·0 | 71·7 | ... | 68·3 | 0·763 | 82 | 152 | N by E | 53 | ... | Do. |
| 4 | 30·002 | 0·117 | 76·8 | 72·1 | 80·1 | 74·0 | ... | 71·9 | 0·726 | 78 | 264 | N E by N | 70 | 0·66 | Cloudy with rain. |
| 5 | 29·983 | 0·104 | 76·6 | 71·2 | 81·2 | 73·1 | ... | 71·0 | 0·692 | 75 | 307 | N N E | 70 | 0·06 | Do. |
| 6 | 30·000 | 0·091 | 75·7 | 72·0 | 80·3 | 73·0 | ... | 70·1 | 0·736 | 83 | 200 | North | 73 | 0·69 | Do. |
| 7 | 29·991 | 0·119 | 77·1 | 73·7 | 81·7 | 72·6 | ... | 72·4 | 0·783 | 83 | 289 | N N E | 63 | 0·07 | Passing clouds. |
| 8 | 29·985 | 0·093 | 78·4 | 73·9 | 82·3 | 75·3 | ... | 73·4 | 0·777 | 80 | 321 | N E | 67 | 0·11 | Cloudy. |
| 9 | 29·987 | 0·121 | 77·8 | 70·7 | 81·9 | 75·5 | ... | 71·7 | 0·658 | 70 | 267 | N N E | 53 | ... | Passing clouds. |
| 10 | 29·978 | 0·128 | 75·6 | 68·4 | 80·1 | 70·7 | ... | 66·9 | 0·600 | 67 | 219 | North | 47 | ... | Do. |
| 11 | 29·974 | 0·120 | 74·3 | 68·9 | 80·2 | 68·9 | ... | 61·0 | 0·636 | 74 | 152 | North | 20 | ... | Fine with passing clouds. |
| 12 | 29·991 | 0·101 | 74·8 | 69·6 | 80·9 | 69·0 | ... | 63·2 | 0·655 | 75 | 161 | North | 57 | ... | Passing clouds. |
| 13 | 29·987 | 0·124 | 75·0 | 69·2 | 79·9 | 70·0 | ... | 64·6 | 0·637 | 73 | 196 | North | 52 | ... | Do. |
| 14 | 29·994 | 0·128 | 75·2 | 67·8 | 80·1 | 72·2 | ... | 64·7 | 0·582 | 66 | 167 | N N E | 30 | ... | Do. |
| 15 | 29·984 | 0·111 | 74·6 | 68·6 | 80·0 | 68·0 | ... | 60·5 | 0·620 | 72 | 151 | N by E | 25 | ... | Fine with passing clouds. |
| 16 | 29·992 | 0·109 | 74·3 | 69·1 | 79·9 | 68·7 | ... | 60·6 | 0·643 | 75 | 172 | N by E | 60 | ... | Hazy. |
| 17 | 29·991 | 0·117 | 75·2 | 69·5 | 80·1 | 69·8 | ... | 64·4 | 0·647 | 73 | 219 | North | 67 | ... | Passing clouds. |
| 18 | 30·007 | 0·104 | 74·8 | 69·2 | 81·1 | 70·6 | ... | 64·2 | 0·640 | 74 | 176 | N N E | 72 | ... | Cloudy. |
| 19 | 30·004 | 0·122 | 75·4 | 67·9 | 80·3 | 69·8 | ... | 64·4 | 0·584 | 66 | 167 | N N E | 43 | ... | Light clouds. |
| 20 | 30·011 | 0·109 | 74·3 | 67·3 | 81·3 | 69·9 | ... | 63·1 | 0·576 | 68 | 131 | N E by E | 60 | ... | Do. |
| 21 | 29·996 | 0·124 | 73·9 | 68·8 | 80·8 | 68·9 | ... | 61·2 | 0·637 | 76 | 144 | N E by N | 47 | ... | Passing clouds. |
| 22 | 30·004 | 0·112 | 74·9 | 69·8 | 81·0 | 69·1 | ... | 62·1 | 0·662 | 77 | 184 | N by E | 43 | ... | Do. |
| 23 | 30·018 | 0·085 | 75·9 | 70·4 | 81·1 | 69·6 | ... | 64·0 | 0·671 | 75 | 249 | N by E | 43 | ... | Do. |
| 24 | 30·072 | 0·084 | 76·4 | 70·5 | 80·9 | 70·8 | ... | 64·6 | 0·668 | 73 | 257 | N N E | 70 | 0·10 | Cloudy. |
| 25 | 30·079 | 0·091 | 77·0 | 72·5 | 81·3 | 73·4 | ... | 71·6 | 0·740 | 80 | 344 | N E by N | 63 | 0·74 | Passing clouds : rain. |
| 26 | 30·100 | 0·112 | 77·7 | 71·5 | 81·9 | 76·0 | ... | 72·9 | 0·691 | 73 | 300 | N N E | 60 | ... | Do. |
| 27 | 30·080 | 0·107 | 75·9 | 69·8 | 80·0 | 70·3 | ... | 64·7 | 0·647 | 73 | 199 | N N E | 30 | ... | Fine with passing clouds. |
| 28 | 30·071 | 0·125 | 75·4 | 68·9 | 80·8 | 70·1 | ... | 63·9 | 0·621 | 71 | 185 | N E by N | 37 | ... | Passing clouds. |
| 29 | 30·076 | 0·098 | 74·9 | 67·7 | 80·5 | 71·4 | ... | 66·6 | 0·583 | 67 | 191 | N N E | 37 | ... | Hazy : passing clouds. |
| 30 | 30·064 | 0·079 | 75·4 | 66·7 | 79·7 | 71·2 | ... | 67·8 | 0·540 | 61 | 265 | N E by N | 33 | ... | Fine with passing clouds. |
| 31 | 30·048 | 0·090 | 74·1 | 66·4 | 78·8 | 68·8 | ... | 60·9 | 0·546 | 64 | 225 | N N E | 23 | ... | Fine. |
| Mean | 30·015 | 0·108 | 75·7 | 70·0 | 80·8 | 71·3 | ... | 66·5 | 0·660 | 74 | 209 | N N E | 51 | 2·43 | |

## Madras Mean Monthly and Annual Meteorological Results in 1864.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·988 | 0·126 | 72·3 | 79·2 | 65·5 | 13·7 | 65·8 | 62·5 | 0·550 | 69 | ... | 57·7 | 118 | 4 | N E | ... | ... | 74 |
| February | 29·962 | 0·130 | 75·8 | 82·5 | 69·0 | 13·5 | 69·1 | 65·9 | 0·627 | 70 | ... | 62·7 | 146 | 9 | E by S | ... | ... | 84 |
| March | 29·944 | 0·133 | 78·9 | 86·6 | 71·3 | 15·3 | 72·5 | 68·8 | 0·714 | 72 | ... | 65·7 | ... | 13 | S E by S | ... | ... | 85 |
| April | 29·848 | 0·124 | 83·4 | 91·0 | 76·2 | 14·8 | 76·8 | 73·5 | 0·835 | 73 | ... | 72·1 | 138 | 14 | S S E | 0·23 | 1 | 73 |
| May | 29·811 | 0·133 | 86·1 | 94·1 | 79·6 | 14·5 | 78·1 | 75·4 | 0·855 | 69 | ... | 75·8 | 171 | 15 | S by E | 0·03 | 1 | 72 |
| June | 29·708 | 0·125 | 86·8 | 97·3 | 81·0 | 16·3 | 76·7 | 73·4 | 0·786 | 62 | ... | 77·0 | 230 | 20 | S W | 1·95 | 10 | 39 |
| July | 29·739 | 0·129 | 85·9 | 96·1 | 79·7 | 16·4 | 74·8 | 71·9 | 0·713 | 58 | ... | 76·0 | 240 | 20 | S W | 2·20 | 15 | 22 |
| August | 29·783 | 0·132 | 83·6 | 92·1 | 77·6 | 14·5 | 75·6 | 72·3 | 0·777 | 68 | ... | 73·8 | 185 | 19 | S W by S | 7·32 | 13 | 43 |
| September | 29·816 | 0·128 | 83·8 | 92·3 | 78·3 | 14·0 | 76·1 | 73·5 | 0·798 | 69 | ... | 74·1 | 164 | 17 | S by W | 0·83 | 7 | 41 |
| October | 29·889 | 0·117 | 80·1 | 86·9 | 74·5 | 12·4 | 74·1 | 71·5 | 0·764 | 75 | ... | 70·1 | 148 | 1 | N by E | 13·76 | 8 | 52 |
| November | 29·979 | 0·111 | 77·5 | 82·5 | 73·8 | 8·7 | 72·6 | 70·3 | 0·738 | 78 | ... | 70·3 | 211 | 4 | N E | 18·48 | 15 | 34 |
| December | 30·015 | 0·108 | 75·7 | 80·8 | 71·3 | 9·5 | 70·0 | 68·0 | 0·660 | 74 | ... | 66·5 | 209 | 2 | N N E | 2·43 | 7 | 49 |
| Annual | 29·874 | 0·125 | 80·8 | 88·4 | 74·8 | 13·6 | 73·5 | 70·6 | 0·735 | 70 | ... | 70·2 | ... | 12 | S E | 47·23 | 77 | 56 |

## Madras Extreme Monthly Meteorological Records in 1864.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·104 | 21 | 29·853 | 16 | 0·251 | 81·0 | 25 | 60·5 | 28 | 58·5 | 28 | 44 | 26 | ... | ... | 51·6 | 25 | 231 | 9 | 69 | 23 | ... | ... |
| February | 30·196 | 5 | 29·726 | 19 | 0·470 | 88·8 | 28 | 61·4 | 15 | 59·0 | 15 | 53 | 12 | ... | ... | 52·5 | 15 | 215 | 3 | 69 | 14 | ... | ... |
| March | 30·111 | 6 | 29·826 | 18 | 0·285 | 91·6 | 29 | 65·1 | 11 | 62·4 | 11 | 55 | 19 | ... | ... | 58·1 | 11 | ... | ... | ... | ... | ... | ... |
| April | 30·006 | 3 | 29·705 | 14 | 0·301 | 97·9 | 28 | 71·1 | 5 | 68·1 | 5 | 49 | 28 | ... | ... | 64·8 | 5 | 191 | 30 | 90 | 18 | 0·23 | 23 |
| May | 29·953 | 13 | 29·633 | 31 | 0·320 | 100·9 | 30 | 76·6 | 10 | 71·3 | 10 | 43 | 25 | ... | ... | 72·6 | 10 | 284 | 28 | 90 | 8 | 0·03 | 9 |
| June | 29·894 | 24 | 29·492 | 11 | 0·402 | 101·6 | 1 | 76·6 | 20 | 70·8 | 29 | 39 | 28 | ... | ... | 74·4 | 1 | 314 | 4 | 169 | 24 | 1·29 | 1 |
| July | 29·902 | 26 | 29·582 | 8 | 0·320 | 100·2 | 24 | 74·7 | 31 | 68·6 | 24 | 32 | 26 | ... | ... | 71·8 | 31 | 333 | 17 | 171 | 1 | 0·48 | 15 |
| August | 29·914 | 4 | 29·644 | 8 | 0·270 | 97·0 | 15 | 74·0 | 3 | 68·8 | 14 | 39 | 13 | ... | ... | 71·7 | 29 | 257 | 14 | 112 | 24 | 1·55 | 28 |
| September | 29·971 | 26 | 29·682 | 7 | 0·289 | 95·2 | 4 | 74·8 | 28 | 71·3 | 10 | 47 | 10 | ... | ... | 69·5 | 27 | 256 | 19 | 71 | 25 | 0·24 | 24 |
| October | 30·035 | 29 | 29·686 | 19 | 0·349 | 92·9 | 6 | 68·6 | 31 | 65·5 | 31 | 40 | 7 | ... | ... | 57·4 | 27 | 431 | 19 | 70 | 26 | 5·88 | 19 |
| November | 30·105 | 11 | 29·819 | 18 | 0·286 | 89·0 | 1 | 69·8 | 26 | 66·1 | 1 | 48 | 1 | ... | ... | 63·6 | 26 | 416 | 18 | 67 | 20 | 9·35 | 18 |
| December | 30·155 | 26 | 29·921 | 11 | 0·234 | 82·5 | 1 | 68·0 | 15 | 65·3 | 20 | 52 | 30 | ... | ... | 60·5 | 15 | 344 | 25 | 81 | 2 | 0·74 | 25 |

# Madras Meteorological Observations. 1865—January.

| January 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Hum-idity | Daily Velo-city | Mean Direc-tion | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·033 | 0·083 | 72·6 | 65·7 | 78·9 | 66·2 | ... | 58·1 | 0·541 | 67 | 176 | N N E | 20 | ... | Fine. |
| 2 | 30·052 | 0·096 | 72·1 | 66·6 | 78·8 | 66·7 | ... | 59·3 | 0·580 | 74 | 138 | N N E | 47 | ... | Fine with passing clouds. |
| 3 | 30·050 | 0·120 | 73·5 | 67·7 | 79·4 | 66·8 | ... | 61·6 | 0·601 | 73 | 201 | N N E | 33 | ... | Fine with light clouds. |
| 4 | 30·084 | 0·129 | 73·9 | 66·0 | 79·3 | 67·3 | ... | 58·2 | 0·534 | 63 | 202 | N N E | 43 | ... | Fine with passing clouds. |
| 5 | 30·070 | 0·102 | 72·7 | 68·5 | 76·3 | 68·0 | ... | 64·5 | 0·645 | 80 | 182 | N by E | 93 | 0·20 | Overcast. |
| 6 | 30·069 | 0·110 | 74·6 | 68·3 | 80·4 | 71·6 | ... | 70·4 | 0·609 | 71 | 236 | N E by E | 73 | ... | Cloudy. |
| 7 | 30·025 | 0·127 | 73·0 | 68·6 | 79·8 | 67·5 | ... | 61·3 | 0·641 | 79 | 156 | N E by E | 30 | ... | Fine with passing clouds. |
| 8 | 30·026 | 0·094 | 73·3 | 69·0 | 79·3 | 66·5 | ... | 59·4 | 0·652 | 80 | 132 | N E | 17 | ... | Fine. |
| 9 | 30·041 | 0·082 | 74·6 | 69·4 | 80·1 | 68·9 | ... | 63·7 | 0·650 | 75 | 214 | N N E | 17 | ... | Do. |
| 10 | 30·042 | 0·112 | 74·1 | 68·3 | 79·6 | 67·3 | ... | 58·8 | 0·616 | 73 | 189 | N E by N | 23 | ... | Fine with passing clouds. |
| 11 | 30·047 | 0·098 | 74·3 | 68·5 | 80·3 | 67·7 | ... | 59·9 | 0·621 | 73 | 113 | N E by N | 27 | ... | Do. do. |
| 12 | 30·049 | 0·100 | 73·9 | 68·8 | 80·6 | 67·7 | ... | 60·0 | 0·637 | 76 | 105 | N E by E | 23 | ... | Do. do. |
| 13 | 30·071 | 0·116 | 73·8 | 67·9 | 80·2 | 67·2 | ... | 62·3 | 0·606 | 72 | 133 | E N E | 20 | ... | Fine. |
| 14 | 30·088 | 0·101 | 74·2 | 67·4 | 79·7 | 67·9 | ... | 60·8 | 0·581 | 69 | 230 | N E | 30 | ... | Fine with passing clouds. |
| 15 | 30·093 | 0·096 | 74·0 | 66·3 | 79·6 | 67·0 | ... | 58·0 | 0·544 | 64 | 250 | N E by N | 23 | ... | Do. do. |
| 16 | 30·109 | 0·078 | 74·5 | 67·9 | 80·4 | 66·8 | ... | 59·3 | 0·596 | 70 | 208 | N N E | 67 | ... | Cloudy. |
| 17 | 30·079 | 0·123 | 76·6 | 69·5 | 81·2 | 74·4 | ... | 70·4 | 0·628 | 69 | 256 | N E by N | 77 | ... | Do. |
| 18 | 30·111 | 0·097 | 76·2 | 69·2 | 80·2 | 72·8 | ... | 67·3 | 0·621 | 69 | 233 | N E | 30 | ... | Fine with passing clouds. |
| 19 | 30·079 | 0·132 | 75·8 | 68·5 | 81·0 | 72·1 | ... | 67·5 | 0·602 | 68 | 213 | N E by E | 32 | ... | Do. do. |
| 20 | 30·081 | 0·111 | 74·2 | 66·4 | 79·9 | 67·2 | ... | 58·4 | 0·545 | 64 | 186 | N E | 17 | ... | Fine. |
| 21 | 30·066 | 0·096 | 73·6 | 65·7 | 79·7 | 66·3 | ... | 56·9 | 0·528 | 63 | 176 | N E by N | 40 | ... | Passing clouds. |
| 22 | 30·096 | 0·115 | 73·3 | 65·9 | 79·2 | 65·9 | ... | 56·6 | 0·539 | 66 | 187 | N E by N | 18 | ... | Fine with passing clouds. |
| 23 | 30·105 | 0·106 | 72·2 | 66·7 | 79·7 | 66·1 | ... | 57·4 | 0·582 | 74 | 160 | N E | 22 | ... | Do. do. |
| 24 | 30·083 | 0·143 | 73·6 | 68·1 | 79·6 | 66·6 | ... | 59·1 | 0·615 | 74 | 156 | N E by N | 27 | ... | Do. do. |
| 25 | 30·072 | 0·098 | 73·4 | 68·7 | 80·8 | 66·4 | ... | 58·2 | 0·640 | 78 | 118 | N E | 13 | ... | Fine. |
| 26 | 30·023 | 0·129 | 72·7 | 68·1 | 80·2 | 66·5 | ... | 59·0 | 0·625 | 78 | 112 | N E by E | 10 | ... | Do. |
| 27 | 29·967 | 0·156 | 71·7 | 67·0 | 79·8 | 64·5 | ... | 56·0 | 0·600 | 77 | 84 | East | 30 | ... | Fine with passing clouds. |
| 28 | 29·976 | 0·114 | 70·8 | 66·3 | 79·6 | 63·3 | ... | 55·1 | 0·587 | 78 | 72 | E S E | 13 | ... | Fine. |
| 29 | 29·997 | 0·130 | 73·6 | 69·1 | 80·8 | 64·3 | ... | 55·5 | 0·652 | 79 | 117 | E S E | 13 | ... | Do. |
| 30 | 29·989 | 0·132 | 75·0 | 69·6 | 81·1 | 67·6 | ... | 60·4 | 0·652 | 75 | 119 | E S E | 13 | ... | Do. |
| 31 | 29·966 | 0·134 | 74·5 | 69·6 | 82·1 | 66·8 | ... | 58·5 | 0·658 | 77 | 145 | S E by E | 40 | ... | Passing clouds. |
| Mean | 30·053 | 0·112 | 73·8 | 67·8 | 79·9 | 67·5 | ... | 60·4 | 0·604 | 73 | 168 | N E | 32 | 0·20 | |

## Madras Meteorological Observations. 1865—February.

| February 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·019 | 0·101 | 76·1 | 70·7 | 82·4 | 68·8 | ... | 61·6 | 0·680 | 75 | 134 | S E by E | 70 | ... | Cloudy. |
| 2 | 30·032 | 0·091 | 76·3 | 71·2 | 81·8 | 70·7 | ... | 63·7 | 0·694 | 77 | 155 | East | 53 | ... | Passing clouds. |
| 3 | 30·040 | 0·106 | 77·4 | 72·3 | 82·6 | 72·2 | ... | 66·8 | 0·726 | 77 | 184 | E N E | 67 | ... | Do. |
| 4 | 30·020 | 0·119 | 75·2 | 70·5 | 81·8 | 69·1 | ... | 69·5 | 0·685 | 78 | 104 | N E by E | 33 | ... | Fine with passing clouds. |
| 5 | 29·997 | 0·118 | 75·1 | 70·1 | 82·1 | 68·7 | ... | 61·6 | 0·671 | 77 | 94 | E by N | 30 | ... | Do. do. |
| 6 | 30·002 | 0·110 | 76·0 | 71·0 | 82·4 | 68·7 | ... | 62·2 | 0·693 | 77 | 101 | East | 33 | ... | Do. do. |
| 7 | 29·998 | 0·153 | 76·2 | 70·5 | 82·1 | 69·0 | ... | 62·5 | 0·671 | 74 | 110 | E by N | 53 | ... | Passing clouds. |
| 8 | 29·936 | 0·130 | 75·4 | 69·8 | 82·6 | 68·6 | ... | 61·4 | 0·655 | 75 | 106 | E by S | 23 | ... | Fine with passing clouds. |
| 9 | 29·910 | 0·122 | 76·1 | 70·1 | 82·5 | 69·0 | ... | 60·6 | 0·657 | 73 | 149 | S E | 13 | ... | Fine. |
| 10 | 29·883 | 0·143 | 77·0 | 71·1 | 83·8 | 70·7 | ... | 64·4 | 0·683 | 73 | 185 | S S E | 27 | ... | Fine with passing clouds. |
| 11 | 29·865 | 0·154 | 77·3 | 72·2 | 83·9 | 68·7 | ... | 61·6 | 0·723 | 77 | 180 | South | 3 | ... | Clear. |
| 12 | 29·908 | 0·123 | 79·2 | 74·7 | 85·6 | 73·5 | ... | 66·5 | 0·800 | 80 | 170 | S E | 30 | ... | Light clouds. |
| 13 | 29·978 | 0·104 | 78·4 | 73·5 | 84·4 | 73·3 | ... | 72·5 | 0·761 | 78 | 170 | E S E | 70 | ... | Cloudy. |
| 14 | 30·011 | 0·105 | 78·6 | 72·5 | 83·7 | 74·2 | ... | 68·7 | 0·718 | 74 | 159 | East | 40 | ... | Passing clouds. |
| 15 | 30·046 | 0·107 | 79·2 | 72·7 | 85·5 | 74·5 | ... | 67·7 | 0·718 | 72 | 203 | East | 22 | ... | Fine with passing clouds. |
| 16 | 30·074 | 0·108 | 78·7 | 71·5 | 83·6 | 75·2 | ... | 70·0 | 0·675 | 69 | 193 | East | 13 | ... | Fine. |
| 17 | 30·022 | 0·146 | 78·4 | 70·7 | 83·8 | 74·2 | ... | 69·0 | 0·649 | 67 | 139 | East | 15 | ... | Do. |
| 18 | 29·981 | 0·126 | 77·3 | 70·9 | 84·2 | 70·0 | ... | 62·8 | 0·671 | 71 | 102 | E S E | 10 | ... | Do. |
| 19 | 29·994 | 0·134 | 77·9 | 71·4 | 85·2 | 69·9 | ... | 62·4 | 0·683 | 71 | 125 | E S E | 7 | ... | Do. |
| 20 | 30·000 | 0·118 | 76·8 | 71·0 | 85·1 | 70·0 | ... | 63·1 | 0·682 | 74 | 80 | E S E | 0 | ... | Clear. |
| 21 | 29·979 | 0·146 | 76·0 | 69·4 | 85·0 | 68·7 | ... | 59·2 | 0·632 | 71 | 91 | S E | 0 | ... | Do. |
| 22 | 29·965 | 0·151 | 75·8 | 70·6 | 84·6 | 67·7 | ... | 59·1 | 0·680 | 76 | 94 | S E | 3 | ... | Do. |
| 23 | 29·986 | 0·130 | 75·7 | 70·9 | 83·5 | 67·6 | ... | 60·2 | 0·693 | 78 | 118 | S E | 18 | ... | Fine. |
| 24 | 29·976 | 0·126 | 76·8 | 70·8 | 84·3 | 67·4 | ... | 60·4 | 0·674 | 73 | 114 | S E by E | 37 | ... | Passing clouds. |
| 25 | 29·945 | 0·156 | 79·4 | 73·6 | 86·4 | 71·9 | ... | 67·4 | 0·752 | 75 | 175 | S E by S | 20 | ... | Fine. |
| 26 | 29·942 | 0·139 | 80·0 | 73·9 | 86·4 | 73·7 | ... | 68·0 | 0·756 | 74 | 173 | S E | 22 | ... | Fine with passing clouds. |
| 27 | 29·993 | 0·102 | 79·9 | 73·6 | 86·1 | 73·7 | ... | 67·5 | 0·745 | 73 | 183 | S E | 10 | ... | Fine. |
| 28 | 30·036 | 0·106 | 78·6 | 72·4 | 85·0 | 72·2 | ... | 65·6 | 0·713 | 73 | 109 | E by S | 15 | ... | Do. |
| Mean | 29·984 | 0·124 | 77·3 | 71·6 | 83·9 | 70·8 | ... | 64·2 | 0·698 | 74 | 139 | E S E | 26 | *Nil.* | |

# Madras Meteorological Observations. 1865—March.

| March 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Reduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·017 | 0·118 | 79·0 | 72·1 | 84·9 | 73·8 | ... | 67·5 | 0·696 | 70 | 138 | East | 15 | ... | Fine. |
| 2 | 29·974 | 0·142 | 79·2 | 71·9 | 84·8 | 73·0 | ... | 65·7 | 0·685 | 69 | 126 | East | 30 | ... | Fine with passing clouds. |
| 3 | 29·937 | 0·140 | 78·1 | 71·2 | 84·9 | 70·6 | ... | 64·2 | 0·672 | 70 | 132 | E S E | 17 | ... | Do. do. |
| 4 | 29·916 | 0·145 | 78·2 | 72·3 | 85·4 | 68·9 | ... | 61·0 | 0·715 | 73 | 169 | S E. | 10 | ... | Fine. |
| 5 | 29·919 | 0·152 | 78·7 | 72·7 | 85·9 | 68·6 | ... | 67·7 | 0·724 | 74 | 201 | S E by S | 10 | ... | Do. |
| 6 | 29·915 | 0·121 | 79·0 | 72·0 | 85·7 | 71·7 | ... | 64·6 | 0·692 | 70 | 184 | S E by S | 0 | ... | Clear. |
| 7 | 29·900 | 0·157 | 79·2 | 72·3 | 86·4 | 70·0 | ... | 63·2 | 0·701 | 70 | 217 | S E. | 3 | ... | Do. |
| 8 | 29·884 | 0·165 | 81·1 | 75·3 | 87·9 | 74·7 | ... | 68·5 | 0·800 | 75 | 237 | S E by S | 35 | ... | Passing clouds. |
| 9 | 29·905 | 0·123 | 81·6 | 75·6 | 87·4 | 78·7 | ... | 75·9 | 0·806 | 75 | 243 | S E | 47 | ... | Do. |
| 10 | 29·968 | 0·125 | 80·4 | 73·8 | 86·4 | 74·2 | ... | 68·1 | 0·747 | 72 | 150 | E S E | 38 | ... | Do. |
| 11 | 29·983 | 0·119 | 80·3 | 73·1 | 87·5 | 72·7 | ... | 69·8 | 0·719 | 69 | 108 | E by S | 20 | ... | Fine with passing clouds. |
| 12 | 29·977 | 0·118 | 80·0 | 74·0 | 86·5 | 73·5 | ... | 67·5 | 0·760 | 74 | 117 | E S E | 15 | ... | Fine. |
| 13 | 29·934 | 0·130 | 80·1 | 73·8 | 86·8 | 73·4 | ... | 67·6 | 0·750 | 73 | 122 | E S E | 40 | ... | Passing clouds. |
| 14 | 29·961 | 0·097 | 80·9 | 73·5 | 86·5 | 75·6 | ... | 69·0 | 0·727 | 69 | 154 | E by S | 47 | ... | Do. |
| 15 | 29·991 | 0·102 | 80·0 | 73·7 | 87·3 | 72·8 | ... | 71·8 | 0·748 | 73 | 175 | E N E | 47 | ... | Do. |
| 16 | 30·030 | 0·114 | 79·2 | 73·2 | 86·6 | 72·0 | ... | 66·9 | 0·738 | 74 | 104 | E by N | 55 | ... | Do. |
| 17 | 30·027 | 0·116 | 79·4 | 72·8 | 86·2 | 72·7 | ... | 66·8 | 0·720 | 72 | 140 | E N E | 60 | ... | Hazy. |
| 18 | 29·991 | 0·110 | 79·0 | 72·2 | 85·7 | 71·7 | ... | 65·1 | 0·700 | 71 | 122 | E N E | 60 | ... | Passing clouds. |
| 19 | 29·975 | 0·112 | 79·1 | 72·2 | 85·3 | 72·2 | ... | 66·0 | 0·698 | 70 | 156 | N E by N | 33 | ... | Fine with passing clouds. |
| 20 | 30·003 | 0·109 | 79·4 | 73·9 | 86·1 | 72·2 | ... | 67·0 | 0·764 | 76 | 118 | E N E | 58 | ... | Hazy. |
| 21 | 29·990 | 0·127 | 81·1 | 74·6 | 87·4 | 76·2 | ... | 71·8 | 0·770 | 73 | 123 | East | 53 | ... | Do. |
| 22 | 29·960 | 0·129 | 79·6 | 73·2 | 86·5 | 71·8 | ... | 65·9 | 0·733 | 72 | 104 | East | 12 | ... | Fine. |
| 23 | 29·939 | 0·152 | 78·9 | 73·3 | 86·2 | 71·8 | ... | 65·7 | 0·746 | 76 | 110 | E S E | 15 | ... | Do. |
| 24 | 29·916 | 0·128 | 79·6 | 73·9 | 88·2 | 71·7 | ... | 65·6 | 0·760 | 75 | 87 | S E by S | 8 | ... | Do. |
| 25 | 29·939 | 0·102 | 80·1 | 73·9 | 88·6 | 71·8 | ... | 66·6 | 0·755 | 73 | 110 | E by S | 7 | ... | Do. |
| 26 | 29·945 | 0·101 | 80·5 | 73·7 | 89·9 | 71·7 | ... | 65·6 | 0·741 | 71 | 159 | S E by E | 43 | ... | Fine with passing clouds. |
| 27 | 29·949 | 0·130 | 80·6 | 74·1 | 87·7 | 71·8 | ... | 65·7 | 0·756 | 72 | 122 | S E by E | 23 | ... | Do. do. |
| 28 | 29·926 | 0·139 | 81·8 | 75·8 | 89·0 | 74·7 | ... | 69·3 | 0·812 | 75 | 189 | S E. | 23 | ... | Do. do. |
| 29 | 29·941 | 0·113 | 83·1 | 75·7 | 90·0 | 75·7 | ... | 71·5 | 0·790 | 69 | 205 | S E by S | 17 | ... | Fine. |
| 30 | 29·982 | 0·109 | 82·1 | 74·7 | 90·2 | 73·7 | ... | 68·0 | 0·761 | 69 | 154 | S E. | 17 | ... | Do. |
| 31 | 29·975 | 0·105 | 82·7 | 76·0 | 89·5 | 74·3 | ... | 69·5 | 0·808 | 72 | 178 | SE | 17 | ... | Do. |
| Mean | 29·957 | 0·124 | 80·1 | 73·6 | 87·0 | 72·8 | ... | 67·4 | 0·742 | 72 | 150 | E S E | 28 | *Nil.* | |

# Madras Meteorological Observations. 1865—April.

| April 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·969 | 0·124 | 84·3 | 77·9 | 90·6 | 78·4 | ... | 75·0 | 0·870 | 74 | 146 | S E | 48 | ... | Hazy. |
| 2 | 29·958 | 0·133 | 84·2 | 77·4 | 91·3 | 76·7 | ... | 71·7 | 0·849 | 72 | 173 | S E by S | 73 | ... | Cloudy |
| 3 | 29·961 | 0·118 | 84·2 | 77·5 | 91·4 | 77·8 | ... | 72·5 | 0·854 | 73 | 191 | S E by S | 60 | ... | Fine with passing clouds. |
| 4 | 29·950 | 0·142 | 84·2 | 77·6 | 91·2 | 77·1 | ... | 72·0 | 0·859 | 74 | 199 | S S E | 33 | ... | Do. do. |
| 5 | 29·917 | 0·159 | 84·6 | 77·4 | 94·4 | 76·6 | ... | 74·0 | 0·845 | 71 | 239 | S by E | 43 | ... | Light clouds. |
| 6 | 29·905 | 0·156 | 84·3 | 77·1 | 92·4 | 77·6 | ... | 73·1 | 0·835 | 71 | 228 | S S E | 23 | ... | Fine. |
| 7 | 29·895 | 0·144 | 83·9 | 77·8 | 90·8 | 77·1 | ... | 72·2 | 0·872 | 75 | 202 | S S E | 13 | ... | Do. |
| 8 | 29·888 | 0·127 | 84·4 | 78·0 | 92·2 | 77·6 | ... | 73·1 | 0·873 | 74 | 204 | S S E | 3 | ... | Clear. |
| 9 | 29·872 | 0·142 | 84·8 | 78·2 | 93·4 | 77·6 | ... | 73·3 | 0·877 | 74 | 207 | S by E | 18 | ... | Fine. |
| 10 | 29·864 | 0·116 | 84·9 | 78·2 | 93·6 | 78·0 | ... | 74·0 | 0·876 | 73 | 204 | S S E | 10 | ... | Clear. |
| 11 | 29·867 | 0·118 | 84·0 | 76·7 | 92·3 | 76·9 | ... | 71·5 | 0·821 | 71 | 195 | S S E | 17 | ... | Fine. |
| 12 | 29·914 | 0·125 | 83·1 | 75·5 | 90·6 | 74·4 | ... | 70·7 | 0·782 | 69 | 122 | S E by S | 3 | ... | Clear. |
| 13 | 29·944 | 0·127 | 84·1 | 77·2 | 91·1 | 76·7 | ... | 71·8 | 0·841 | 72 | 110 | S E by E | 60 | ... | Passing clouds. |
| 14 | 29·912 | 0·125 | 84·5 | 78·0 | 91·3 | 77·7 | ... | 72·9 | 0·872 | 74 | 150 | E S E | 50 | ... | Do. |
| 15 | 29·891 | 0·121 | 85·2 | 78·0 | 92·2 | 78·5 | ... | 74·5 | 0·863 | 71 | 136 | S E | 17 | ... | Fine. |
| 16 | 29·795 | 0·148 | 84·8 | 77·5 | 93·3 | 78·0 | ... | 74·1 | 0·846 | 71 | 186 | S S E | 63 | ... | Hazy. |
| 17 | 29·768 | 0·134 | 86·0 | 78·7 | 93·2 | 80·1 | ... | 78·7 | 0·884 | 71 | 240 | S S E | 73 | ... | Cloudy. |
| 18 | 29·852 | 0·067 | 86·1 | 76·6 | 92·9 | 79·0 | ... | 75·5 | 0·789 | 63 | 204 | S S E | 53 | ... | Hazy. |
| 19 | 29·879 | 0·133 | 84·7 | 78·2 | 89·4 | 79·9 | ... | 76·2 | 0·878 | 74 | 117 | E S E | 70 | ... | Cloudy. |
| 20 | 29·805 | 0·156 | 84·3 | 77·9 | 91·9 | 78·5 | ... | 76·0 | 0·870 | 74 | 147 | S E | 63 | 0·02 | Do. |
| 21 | 29·809 | 0·114 | 85·5 | 78·6 | 93·1 | 78·8 | ... | 76·1 | 0·886 | 72 | 174 | S E | 40 | ... | Passing clouds: lg. |
| 22 | 29·828 | 0·146 | 85·5 | 79·5 | 92·1 | 80·8 | ... | 78·2 | 0·928 | 76 | 206 | S E | 27 | ... | Fine with passing clouds: lg. N. W. |
| 23 | 29·802 | 0·157 | 85·9 | 79·9 | 93·6 | 80·5 | ... | 77·5 | 0·941 | 76 | 228 | S E by S | 20 | ... | Fine: lg. W. |
| 24 | 29·775 | 0·139 | 87·1 | 79·9 | 95·7 | 80·9 | ... | 77·7 | 0·925 | 72 | 209 | S S E | 53 | ... | Passing clouds: lg. S. E. |
| 25 | 29·757 | 0·139 | 87·8 | 80·2 | 94·5 | 81·3 | ... | 78·2 | 0·930 | 71 | 238 | S by E | 70 | ... | Passing clouds. |
| 26 | 29·781 | 0·137 | 86·6 | 77·9 | 94·3 | 80·2 | ... | 78·2 | 0·839 | 67 | 184 | S S E | 45 | ... | Light clouds. |
| 27 | 29·802 | 0·117 | 86·7 | 79·4 | 92·7 | 81·4 | ... | 77·2 | 0·907 | 71 | 221 | S E | 40 | ... | Passing clouds: lg. W. and N. W. |
| 28 | 29·770 | 0·142 | 86·0 | 77·9 | 94·6 | 78·8 | ... | 74·6 | 0·848 | 68 | 141 | S E | 38 | ... | Passing clouds: lg. W. |
| 29 | 29·685 | 0·155 | 87·2 | 80·0 | 94·7 | 80·5 | ... | 76·8 | 0·928 | 72 | 173 | S E | 30 | ... | Fine with passing clouds. |
| 30 | 29·640 | 0·118 | 89·3 | 80·7 | 96·3 | 82·5 | ... | 79·2 | 0·933 | 68 | 256 | S by E | 23 | ... | Fine: lg. W. |
| | | | | | ... | | | | | | | ... | | | |
| Mean | 29·849 | 0·136 | 85·3 | 78·2 | 92·7 | 78·7 | ... | 74·9 | 0·871 | 72 | 188 | S E by S | 39 | 0·02 | |

# Madras Meteorological Observations. 1865—May.

| May 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·704 | 0·087 | 88·4 | 81·1 | 94·4 | 83·0 | ... | 79·9 | 0·965 | 72 | 278 | S S E | 23 | ... | Light: clouds. |
| 2 | 29·763 | 0·116 | 88·0 | 80·3 | 96·0 | 81·9 | ... | 77·7 | 0·931 | 70 | 232 | S E by S | 27 | ... | Fine with passing clouds. |
| 3 | 29·771 | 0·120 | 88·7 | 80·5 | 95·5 | 82·8 | ... | 79·2 | 0·931 | 68 | 318 | S by E | 40 | ... | Do. |
| 4 | 29·779 | 0·167 | 88·6 | 77·6 | 101·6 | 82·7 | ... | 79·0 | 0·799 | 59 | 341 | S S W | 57 | ... | Hazy. |
| 5 | 29·763 | 0·145 | 89·7 | 77·9 | 103·4 | 82·8 | ... | 80·0 | 0·798 | 57 | 307 | S S W | 67 | ... | Passing clouds. |
| 6 | 29·787 | 0·143 | 89·1 | 78·0 | 102·9 | 84·8 | ... | 80·9 | 0·810 | 59 | 266 | S S W | 70 | 0·07 | Passing clouds: th. and lg. |
| 7 | 29·802 | 0·152 | 87·2 | 77·7 | 100·8 | 81·0 | ... | 78·0 | 0·823 | 65 | 226 | S W by S | 83 | 0·02 | Cloudy. |
| 8 | 29·735 | 0·184 | 88·4 | 77·5 | 102·9 | 80·6 | ... | 76·8 | 0·797 | 59 | 297 | S W by S | 40 | ... | Passing clouds. |
| 9 | 29·751 | 0·119 | 89·3 | 77·6 | 102·8 | 82·8 | ... | 79·4 | 0·790 | 57 | 344 | S S W | 23 | ... | Fine with passing clouds. |
| 10 | 29·763 | 0·146 | 89·7 | 77·2 | 101·2 | 83·5 | ... | 80·1 | 0·766 | 55 | 261 | S S W | 10 | ... | Fine. |
| 11 | 29·750 | 0·108 | 89·4 | 76·6 | 100·9 | 81·1 | ... | 80·3 | 0·745 | 54 | 236 | S by E | 13 | ... | Do. |
| 12 | 29·778 | 0·084 | 90·5 | 77·5 | 98·4 | 82·5 | ... | 77·7 | 0·769 | 53 | 205 | South | 43 | ... | Passing clouds: lg. S. W. |
| 13 | 29·787 | 0·119 | 87·7 | 77·1 | 95·5 | 80·7 | ... | 77·9 | 0·789 | 60 | 284 | S W | 60 | ... | Do. do. |
| 14 | 29·769 | 0·107 | 87·7 | 77·6 | 95·1 | 81·6 | ... | 78·1 | 0·813 | 61 | 213 | South | 20 | ... | Fine with passing clouds. |
| 15 | 29·718 | 0·122 | 87·3 | 80·2 | 95·1 | 81·6 | ... | 79·8 | 0·937 | 72 | 237 | S S E | 15 | ... | Fine. |
| 16 | 29·757 | 0·043 | 87·6 | 77·5 | 94·2 | 81·9 | ... | 79·1 | 0·810 | 62 | 230 | S W by S | 37 | ... | Fine with passing clouds. |
| 17 | 29·793 | 0·091 | 87·9 | 78·7 | 96·4 | 80·8 | ... | 77·7 | 0·859 | 65 | 183 | S by W | 15 | ... | Fine. |
| 18 | 29·805 | 0·095 | 88·5 | 79·1 | 95·4 | 82·8 | ... | 80·0 | 0·868 | 64 | 250 | S S E | 38 | ... | Hazy. |
| 19 | 29·805 | 0·126 | 87·4 | 79·6 | 95·3 | 82·5 | ... | 79·0 | 0·908 | 70 | 223 | S S E | 72 | ... | Do. |
| 20 | 29·791 | 0·142 | 85·5 | 78·1 | 93·5 | 82·7 | ... | 78·8 | 0·863 | 70 | 196 | S by E | 83 | 0·02 | Cloudy. |
| 21 | 29·762 | 0·121 | 86·3 | 78·8 | 93·7 | 80·2 | ... | 76·2 | 0·885 | 70 | 131 | S E | 33 | ... | Passing clouds. |
| 22 | 29·779 | 0·135 | 87·4 | 79·7 | 95·9 | 81·4 | ... | 77·1 | 0·911 | 70 | 189 | S S E | 40 | ... | Do. |
| 23 | 29·795 | 0·135 | 85·4 | 79·6 | 90·8 | 82·8 | ... | 79·7 | 0·934 | 77 | 219 | S by E | 57 | 0·13 | Passing clouds: th. |
| 24 | 29·751 | 0·135 | 84·9 | 77·7 | 95·4 | 80·6 | ... | 77·5 | 0·854 | 71 | 221 | S by W | 58 | 0·12 | Passing clouds: lg. S. E. |
| 25 | 29·684 | 0·165 | 87·0 | 79·1 | 99·4 | 78·8 | ... | 76·4 | 0·888 | 69 | 260 | S S W | 67 | ... | Passing clouds. |
| 26 | 29·660 | 0·105 | 89·4 | 78·6 | 99·1 | 81·7 | ... | 78·6 | 0·833 | 60 | 213 | S by W | 43 | ... | Fine with passing clouds: lg. W. |
| 27 | 29·669 | 0·126 | 87·0 | 78·2 | 103·3 | 82·4 | ... | 79·4 | 0·847 | 66 | 263 | S W by S | 43 | 0·02 | Light clouds. |
| 28 | 29·676 | 0·128 | 88·5 | 80·2 | 103·4 | 79·7 | ... | 76·6 | 0·921 | 68 | 318 | S W by S | 30 | ... | Do. |
| 29 | 29·649 | 0·145 | 89·9 | 78·9 | 100·6 | 82·6 | ... | 80·4 | 0·840 | 60 | 274 | S S W | 57 | ... | Hazy. |
| 30 | 29·620 | 0·110 | 87·9 | 79·5 | 97·2 | 83·0 | ... | 80·0 | 0·895 | 68 | 359 | South | 60 | ... | Do. |
| 31 | 29·605 | 0·155 | 86·5 | 78·8 | 96·2 | 81·9 | ... | 80·0 | 0·882 | 70 | 303 | S by W | 72 | ... | Do. |
| Mean | 29·743 | 0·125 | 88·0 | 78·6 | 97·9 | 81·9 | ... | 78·8 | 0·853 | 64 | 254 | S by W | 45 | 0·38 | |

# Madras Meteorological Observations. 1865—June.

| June 1865 | Barometer reduced to 32° — Mean | Barometer reduced to 32° — Range | Corrected Mean Temperature — Dry | Corrected Mean Temperature — Wet | Self Registering Thermometers — Dry — Max. | Self Registering Thermometers — Dry — Min. | Self Registering Thermometers — Sun — Max. | Self Registering Thermometers — Grass — Min. | Deduced — Vapour Tension | Deduced — Humidity | Wind — Daily Velocity | Wind — Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·591 | 0·119 | 86·9 | 79·1 | 94·1 | 80·8 | ... | 77·9 | 0·890 | 69 | 218 | S by E | 33 | ... | Fine with passing clouds : lg. W. |
| 2 | 29·647 | 0·091 | 86·7 | 78·9 | 94·8 | 82·1 | ... | 79·5 | 0·884 | 69 | 208 | S S E | 57 | 0·05 | Passing clouds. |
| 3 | 29·665 | 0·117 | 87·5 | 80·6 | 94·4 | 82·1 | ... | 79·7 | 0·952 | 73 | 204 | S S E | 57 | ... | Do. |
| 4 | 29·711 | 0·107 | 87·9 | 80·0 | 97·8 | 82·0 | ... | 79·8 | 0·918 | 69 | 253 | S S E | 37 | ... | Do. |
| 5 | 29·692 | 0·136 | 89·1 | 79·2 | 102·3 | 82·3 | ... | 79·4 | 0·865 | 63 | 213 | South | 43 | ... | Passing clouds : th. and lg. W & N W |
| 6 | 29·709 | 0·129 | 88·8 | 79·0 | 102·7 | 81·9 | ... | 78·1 | 0·860 | 63 | 166 | S S W | 33 | ... | Passing cloads : th. and lg. W. |
| 7 | 29·747 | 0·091 | 87·9 | 78·5 | 99·9 | 82·5 | ... | 79·2 | 0·850 | 64 | 188 | S W by S | 50 | ... | Light clouds : th. and lg. W and N W |
| 8 | 29·755 | 0·118 | 87·5 | 76·7 | 99·7 | 81·1 | ... | 77·1 | 0·774 | 59 | 207 | S W by S | 57 | ... | Hazy. |
| 9 | 29·691 | 0·152 | 89·9 | 76·4 | 100·8 | 81·5 | ... | 76·4 | 0·728 | 51 | 268 | W by S | 83 | ... | Cloudy. |
| 10 | 29·692 | 0·135 | 91·0 | 77·6 | 102·0 | 84·1 | ... | 80·2 | 0·766 | 52 | 255 | West | 90 | 0·06 | Cloudy : th. and lg. S. and S. W. |
| 11 | 26·764 | 0·102 | 89·2 | 78·8 | 102·4 | 83·8 | ... | 76·8 | 0·845 | 62 | 220 | S W by W | 67 | ... | Cloudy : th. and lg. S. W. |
| 12 | 29·784 | 0·127 | 89·6 | 78·6 | 101·2 | 82·1 | ... | 76·9 | 0·830 | 60 | 270 | S W by W | 73 | ... | Cloudy. |
| 13 | 29·726 | 0·146 | 88·8 | 77·6 | 101·8 | 83·8 | ... | 78·3 | 0·797 | 59 | 256 | S W by W | 73 | 0·04 | Cloudy : lg. S. W. |
| 14 | 29·702 | 0·117 | 88·5 | 77·4 | 100·8 | 83·0 | ... | 79·4 | 0·791 | 59 | 239 | S W | 73 | 0·04 | Cloudy. |
| 15 | 29·719 | 0·107 | 87·6 | 76·6 | 99·7 | 83·4 | ... | 78·8 | 0·768 | 59 | 261 | S W | 83 | 0·14 | Do. |
| 16 | 29·732 | 0·151 | 88·4 | 78·4 | 97·0 | 80·6 | ... | 78·3 | 0·838 | 62 | 252 | S W | 73 | ... | Do. |
| 17 | 29·707 | 0·131 | 89·0 | 77·9 | 100·0 | 83·5 | ... | 79·2 | 0·807 | 59 | 251 | S W | 83 | ... | Cloudy : lg. |
| 18 | 29·698 | 0·144 | 90·4 | 77·2 | 101·9 | 83·7 | ... | 80·2 | 0·756 | 53 | 288 | S W by S | 67 | ... | Passing clouds. |
| 19 | 29·728 | 0·106 | 89·0 | 78·1 | 101·2 | 82·7 | ... | 80·1 | 0·815 | 59 | 277 | S S W | 67 | ... | Do. |
| 20 | 29·767 | 0·105 | 89·0 | 78·4 | 101·5 | 82·7 | ... | 79·0 | 0·830 | 61 | 246 | South | 63 | ... | Do. |
| 21 | 29·763 | 0·130 | 89·5 | 79·0 | 98·9 | 82·4 | ... | 79·5 | 0·850 | 61 | 195 | S S E | 37 | 0·28 | Passing clouds : lg. N. E. |
| 22 | 29·762 | 0·095 | 88·7 | 78·5 | 101·8 | 82·5 | ... | 76·9 | 0·838 | 62 | 223 | S S W | 57 | ... | Passing clouds : lg. S. and S. W. |
| 23 | 29·745 | 0·120 | 89·2 | 78·0 | 100·0 | 80·8 | ... | 78·8 | 0·809 | 59 | 251 | South | 37 | ... | Light clouds. |
| 24 | 29·729 | 0·109 | 89·7 | 75·8 | 99·7 | 84·7 | ... | 80·2 | 0·704 | 50 | 285 | S W | 67 | ... | Cloudy : th. |
| 25 | 29·721 | 0·093 | 86·7 | 77·2 | 103·3 | 82·7 | ... | 79·5 | 0·807 | 63 | 239 | S W by S | 60 | 0·52 | Passing clouds : th. and lg. N. W. |
| 26 | 29·746 | 0·123 | 85·7 | 77·0 | 98·9 | 80·4 | ... | 75·5 | 0·811 | 65 | 233 | S W | 87 | 0·17 | Cloudy : th. and lg. |
| 27 | 29·698 | 0·152 | 88·6 | 75·5 | 99·2 | 81·5 | ... | 77·7 | 0·708 | 53 | 274 | W S W | 77 | 0·02 | Do. |
| 28 | 29·680 | 0·137 | 86·5 | 75·2 | 92·4 | 83·4 | ... | 78·4 | 0·723 | 57 | 186 | West | 93 | 0·03 | Cloudy : lg. S. E. |
| 29 | 29·626 | 0·144 | 87·9 | 74·7 | 98·7 | 80·9 | ... | 76·5 | 0·683 | 52 | 288 | W by S | 90 | ... | Cloudy. |
| 30 | 29·650 | 0·108 | 88·3 | 74·7 | 96·5 | 83·4 | ... | 79·5 | 0·678 | 51 | 324 | W by S | 87 | 0·05 | Do. |
| Mean | 29·712 | 0·121 | 88·5 | 77·7 | 99·5 | 82·4 | ... | 78·6 | 0·806 | 60 | 241 | S W by S | 65 | 1·40 | |

# Madras Meteorological Observations. 1865—July.

| July 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 29·659 | 0·143 | 89·9 | 74·9 | 99·7 | 80·0 | ... | 76·9 | 0·664 | 47 | 332 | W S W | 60 | ... | Passing clouds : lg. S. |
| 2 | 29·655 | 0·137 | 90·1 | 75·8 | 101·3 | 83·8 | ... | 79·6 | 0·700 | 49 | 287 | S W | 60 | 0·03 | Do. |
| 3 | 29·708 | 0·117 | 88·6 | 75·1 | 96·5 | 81·9 | ... | 78·4 | 0·690 | 51 | 229 | S W by W | 77 | ... | Cloudy. |
| 4 | 29·705 | 0·128 | 88·1 | 74·6 | 97·6 | 82·6 | ... | 80·0 | 0·676 | 51 | 304 | S W by W | 90 | ... | Do. |
| 5 | 29·717 | 0·121 | 87·8 | 74·2 | 98·2 | 80·7 | ... | 79·1 | 0·664 | 50 | 309 | S W by W | 90 | ... | Do. |
| 6 | 29·751 | 0·098 | 88·3 | 75·6 | 97·0 | 81·1 | ... | 77·5 | 0·715 | 54 | 259 | S W by S | 80 | ... | Do. |
| 7 | 29·768 | 0·156 | 89·5 | 75·0 | 100·0 | 82·7 | ... | 79·2 | 0·674 | 48 | 349 | S W by W | 73 | ... | Passing clouds. |
| 8 | 29·767 | 0·117 | 84·1 | 75·7 | 98·7 | 76·1 | ... | ... | 0·776 | 66 | 203 | S W | 83 | 0·87 | Cloudy : rain. |
| 9 | 29·770 | 0·107 | 83·3 | 76·6 | 92·3 | 76·8 | ... | 75·1 | 0·826 | 73 | 199 | S W | 100 | ... | Overcast. |
| 10 | 29·790 | 0·086 | 83·8 | 75·5 | 92·8 | 78·7 | ... | 74·5 | 0·772 | 67 | 187 | S S W | 97 | 0·03 | Do. |
| 11 | 29·767 | 0·140 | 83·9 | 76·3 | 98·0 | 78·4 | ... | 74·4 | 0·806 | 69 | 206 | S by W | 77 | 0·45 | Cloudy : th. : rain. |
| 12 | 29·729 | 0·157 | 85·9 | 77·1 | 95·7 | 78·8 | ... | 74·9 | 0·813 | 65 | 251 | S S W | 67 | ... | Passing clouds. |
| 13 | 29·735 | 0·135 | 85·1 | 77·3 | 95·0 | 80·0 | ... | 73·4 | 0·833 | 69 | 239 | S W by S | 83 | ... | Cloudy. |
| 14 | 29·745 | 0·112 | 86·0 | 77·9 | 98·3 | 78·8 | ... | 76·9 | 0·848 | 68 | 238 | S S W | 57 | ... | Passing clouds : lg. S. |
| 15 | 29·745 | 0·129 | 86·9 | 78·0 | 100·0 | 79·3 | ... | 78·2 | 0·839 | 65 | 222 | S W by S | 70 | 0·04 | Do. do |
| 16 | 29·742 | 0·119 | 89·2 | 78·7 | 99·5 | 80·6 | ... | 73·8 | 0·840 | 61 | 229 | S W by W | 67 | ... | Passing clouds. |
| 17 | 29·746 | 0·126 | 88·4 | 76·0 | 100·6 | 81·7 | ... | 78·7 | 0·731 | 54 | 272 | W S W | 67 | 0·10 | Do. |
| 18 | 29·738 | 0·163 | 87·9 | 75·5 | 100·2 | 80·8 | ... | 76·5 | 0·717 | 54 | 233 | S W by W | 60 | 0·02 | Do. |
| 19 | 29·698 | 0·141 | 85·9 | 76·1 | 99·0 | 81·3 | ... | 77·5 | 0·770 | 61 | 244 | S W by S | 57 | 0·01 | Do. |
| 20 | 29·724 | 0·123 | 86·9 | 77·1 | 98·6 | 82·0 | ... | 78·8 | 0·800 | 62 | 228 | S S W | 63 | 0·17 | Passing clouds : th. and lg. |
| 21 | 29·727 | 0·151 | 84·5 | 77·9 | 93·1 | 77·8 | ... | 73·4 | 0·868 | 74 | 202 | S by W | 73 | 0·14 | Cloudy : lg. S. W. |
| 22 | 29·714 | 0·135 | 85·3 | 77·7 | 96·1 | 77·6 | ... | 75·1 | 0·849 | 70 | 187 | S W by S | 43 | ... | Passing clouds. |
| 23 | 29·761 | 0·100 | 85·3 | 77·9 | 93·2 | 78·2 | ... | 76·0 | 0·858 | 70 | 126 | S S W | 47 | 0·01 | Passing clouds : th. |
| 24 | 29·790 | 0·095 | 84·4 | 78·1 | 96·3 | 79·7 | ... | 77·1 | 0·878 | 74 | 172 | S by E | 47 | 0·15 | Passing clouds : th. and lg. S. W. |
| 25 | 29·823 | 0·117 | 85·3 | 77·2 | 95·3 | 78·1 | ... | 76·1 | 0·826 | 68 | 225 | N W by N | 63 | ... | Passing clouds : lg. S. W. |
| 26 | 29·795 | 0·096 | 85·5 | 77·4 | 94·0 | 77·6 | ... | 75·1 | 0·832 | 68 | 156 | S by E | 30 | ... | Passing clouds : th. |
| 27 | 29·791 | 0·138 | 86·0 | 77·7 | 92·4 | 80·7 | ... | 77·3 | 0·838 | 67 | 142 | S E by S | 40 | ... | Passing clouds : lg. S. W. |
| 28 | 29·818 | 0·125 | 86·0 | 77·6 | 94·1 | 80·1 | ... | 77·1 | 0·834 | 67 | 165 | S by E | 27 | ... | Fine with passing clouds. |
| 29 | 29·820 | 0·105 | 85·5 | 78·9 | 92·0 | 79·8 | ... | 77·1 | 0·900 | 74 | 162 | S E | 33 | ... | Passing clouds. |
| 30 | 29·781 | 0·125 | 85·3 | 78·2 | 91·7 | 79·3 | ... | 75·7 | 0·871 | 72 | 189 | S E | 30 | ... | Fine with passing cls. : lg. W. & N. W. |
| 31 | 29·759 | 0·117 | 86·5 | 78·1 | 92·4 | 81·6 | ... | 77·4 | 0·849 | 67 | 229 | S S E | 33 | ... | Passing clouds : lg. S. |
| Mean | 29·750 | 0·125 | 86·4 | 76·8 | 96·4 | 79·9 | ... | 76·7 | 0·792 | 63 | 225 | S W by S | 63 | 2·02 | |

## Madras Meteorological Observations. 1865—August.

| August 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·715 | 0·126 | 85·1 | 78·5 | 94·3 | 79·9 | ... | 78·1 | 0·887 | 74 | 187 | S by W | 50 | ... | Passing clouds: th. and lg. S. & S. E. |
| 2 | 29·751 | 0·085 | 82·3 | 76·6 | 87·6 | 79·0 | ... | 76·5 | 0·840 | 76 | 70 | South | 73 | ... | Cloudy. |
| 3 | 29·764 | 0·125 | 85·5 | 78·1 | 96·7 | 77·8 | ... | 74·9 | 0·863 | 70 | 102 | S by E | 50 | ... | Passing clouds: lg. N. W. |
| 4 | 29·788 | 0·119 | 84·3 | 76·9 | 93·4 | 78·5 | ... | 76·2 | 0·826 | 70 | 88 | South | 60 | ... | Passing clouds: lg. W. |
| 5 | 29·778 | 0·160 | 85·1 | 76·7 | 93·3 | 76·9 | ... | 74·9 | 0·808 | 66 | 142 | S W by W | 80 | 0·16 | Passing clouds. |
| 6 | 29·758 | 0·072 | 77·4 | 75·2 | 82·4 | 74·9 | ... | 74·3 | 0·846 | 90 | 107 | W S W | 97 | 1·25 | Overcast: rain: th. |
| 7 | 29·733 | 0·078 | 81·0 | 77·0 | 88·4 | 76·9 | ... | 75·0 | 0·875 | 83 | 92 | S W by S | 77 | 0·12 | Cloudy. |
| 8 | 29·743 | 0·132 | 81·6 | 77·0 | 89·1 | 76·6 | ... | 75·8 | 0·867 | 81 | 110 | S W by S | 93 | 0·07 | Do. |
| 9 | 29·717 | 0·114 | 80·1 | 76·5 | 93·4 | 76·8 | ... | 75·6 | 0·866 | 85 | 118 | S W by W | 90 | 0·79 | Cloudy: rain: lg. S. W. |
| 10 | 29·684 | 0·116 | 82·3 | 77·1 | 91·8 | 76·6 | ... | 74·5 | 0·862 | 78 | 129 | S S W | 87 | 0·34 | Cloudy: th. and lg. S. E. |
| 11 | 29·702 | 0·089 | 82·5 | 77·7 | 91·3 | 77·0 | ... | 76·0 | 0·886 | 80 | 177 | S W by W | 88 | 0·13 | Cloudy. |
| 12 | 29·747 | 0·110 | 81·6 | 77·0 | 91·2 | 76·7 | ... | 75·3 | 0·867 | 81 | 165 | S S W | 82 | 0·52 | Cloudy: rain: th. and lg. W. |
| 13 | 29·786 | 0·097 | 81·4 | 75·8 | 89·3 | 76·1 | ... | 74·2 | 0·818 | 77 | 214 | S W by W | 97 | 0·03 | Overcast: th. and lg. N. W. |
| 14 | 29·761 | 0·109 | 77·9 | 74·3 | 81·0 | 76·2 | ... | 74·9 | 0·801 | 84 | 206 | W S W | 100 | 0·17 | Overcast. |
| 15 | 29·737 | 0·126 | 81·7 | 75·3 | 87·3 | 76·0 | ... | 73·4 | 0·792 | 73 | 213 | S W by S | 100 | 0·07 | Overcast: lg. N. W. |
| 16 | 29·799 | 0·106 | 81·2 | 76·0 | 89·1 | 75·0 | ... | 73·8 | 0·829 | 78 | 162 | S W by W | 100 | 0·60 | Overcast with rain: lg. S. W. |
| 17 | 29·837 | 0·132 | 82·1 | 76·5 | 92·2 | 76·4 | ... | 73·7 | 0·839 | 77 | 168 | S S W | 77 | 0·47 | Cloudy: rain: th. and lg. N. W. |
| 18 | 29·827 | 0·123 | 80·5 | 75·3 | 83·4 | 76·8 | ... | 74·0 | 0·808 | 77 | 171 | S W by S | 97 | 0·24 | Overcast. |
| 19 | 29·753 | 0·138 | 83·8 | 75·9 | 91·6 | 77·6 | ... | 74·4 | 0·790 | 68 | 191 | S W | 80 | 0·10 | Passing clouds. |
| 20 | 29·740 | 0·112 | 83·9 | 75·3 | 91·0 | 79·5 | ... | 76·9 | 0·763 | 65 | 216 | W S W | 83 | ... | Cloudy. |
| 21 | 29·741 | 0·149 | 84·9 | 74·3 | 92·0 | 79·1 | ... | 74·9 | 0·707 | 59 | 269 | S W by W | 80 | ... | Do. |
| 22 | 29·716 | 0·137 | 84·9 | 73·5 | 91·9 | 78·4 | ... | 75·9 | 0·673 | 56 | 238 | W S W | 85 | ... | Do. |
| 23 | 29·713 | 0·137 | 86·1 | 75·7 | 93·7 | 79·6 | ... | 76·4 | 0·749 | 60 | 219 | S W | 77 | ... | Passing clouds. |
| 24 | 29·732 | 0·127 | 87·0 | 76·5 | 95·1 | 81·6 | ... | 78·4 | 0·772 | 60 | 259 | S W | 68 | ... | Do. |
| 25 | 29·746 | 0·147 | 86·1 | 77·4 | 96·2 | 80·6 | ... | 77·6 | 0·823 | 65 | 238 | S W by S | 55 | ... | Do. |
| 26 | 29·735 | 0·120 | 85·1 | 77·0 | 96·4 | 79·9 | ... | 76·9 | 0·820 | 68 | 250 | S W | 57 | 0·08 | Do. |
| 27 | 29·751 | 0·123 | 85·9 | 76·1 | 94·3 | 78·8 | ... | 74·9 | 0·770 | 62 | 222 | W S W | 63 | ... | Passing clouds: lg. N. E. |
| 28 | 29·756 | 0·125 | 87·3 | 75·1 | 95·6 | 81·8 | ... | 77·5 | 0·708 | 55 | 203 | W S W | 67 | ... | Passing clouds. |
| 29 | 29·798 | 0·146 | 87·8 | 76·5 | 97·8 | 81·2 | ... | 77·0 | 0·760 | 58 | 239 | S W by W | 67 | 0·10 | Do. |
| 30 | 29·795 | 0·165 | 83·6 | 75·4 | 94·2 | 77·4 | ... | 75·4 | 0·771 | 66 | 202 | S W by W | 83 | 1·80 | Cloudy: rain: th. and lg. N. W. |
| 31 | 29·755 | 0·154 | 84·5 | 76·9 | 93·6 | 75·8 | ... | 74·2 | 0·824 | 70 | 141 | S W by S | 83 | 0·15 | Cloudy. |
| Mean | 29·753 | 0·123 | 83·4 | 76·2 | 91·6 | 77·9 | ... | 75·5 | 0·810 | 71 | 178 | S W | 79 | 7·19 | |

# Madras Meteorological Observations. 1865—September.

| September 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·811 | 0·117 | 84·9 | 77·9 | 94·1 | 78·8 | ... | 75·4 | 0·863 | 72 | 180 | S S W | 63 | ... | Passing clouds. |
| 2 | 29·831 | 0·099 | 84·6 | 78·1 | 91·5 | 78·6 | ... | 74·7 | 0·875 | 74 | 155 | South | 37 | ... | Do. |
| 3 | 29·797 | 0·155 | 85·0 | 76·8 | 94·7 | 80·7 | ... | 74·6 | 0·812 | 67 | 204 | S W by S | 57 | ... | Do. |
| 4 | 29·793 | 0·127 | 82·4 | 76·1 | 89·2 | 76·1 | ... | 72·7 | 0·817 | 74 | 190 | W N W | 92 | 0·23 | Overcast. |
| 5 | 29·775 | 0·120 | 83·1 | 77·3 | 90·4 | 77·2 | ... | 73·7 | 0·860 | 76 | 140 | S S W | 88 | 0·04 | Cloudy. |
| 6 | 29·779 | 0·132 | 83·8 | 76·4 | 92·8 | 77·1 | ... | 73·6 | 0·811 | 69 | 143 | S E by S | 30 | ... | Fine with passing clouds. |
| 7 | 29·803 | 0·126 | 84·6 | 77·2 | 92·6 | 78·3 | ... | 75·2 | 0·835 | 70 | 149 | S S E | 37 | ... | Fine with passing clouds : lg. S. W. |
| 8 | 29·769 | 0·153 | 84·8 | 75·3 | 92·3 | 78·4 | ... | 73·8 | 0·750 | 62 | 194 | S W by S | 63 | ... | Passing clouds : lg. S. |
| 9 | 29·730 | 0·145 | 84·0 | 74·9 | 92·3 | 77·9 | ... | 73·8 | 0·741 | 64 | 221 | S W | 80 | ... | Cloudy : lg. S. W. |
| 10 | 29·738 | 0·125 | 85·7 | 74·3 | 92·5 | 78·5 | ... | 74·6 | 0·695 | 56 | 242 | S W by W | 73 | ... | Passing clouds. |
| 11 | 29·757 | 0·147 | 86·2 | 75·1 | 93·6 | 79·9 | ... | 76·6 | 0·723 | 58 | 239 | West | 60 | ... | Do. |
| 12 | 29·749 | 0·133 | 86·9 | 74·3 | 95·6 | 79·5 | ... | 73·7 | 0·680 | 53 | 233 | SW by W | 40 | ... | Do. |
| 13 | 29·767 | 0·135 | 86·6 | 74·3 | 94·3 | 79·4 | ... | 74·2 | 0·683 | 51 | 209 | S W by S | 53 | ... | Hazy. |
| 14 | 29·762 | 0·132 | 84·8 | 76·1 | 95·1 | 78·8 | ... | 74·8 | 0·784 | 65 | 215 | S S E | 57 | ... | Passing clouds |
| 15 | 29·774 | 0·120 | 85·5 | 76·4 | 93·5 | 79·7 | ... | 76·7 | 0·788 | 64 | 176 | S S E | 67 | ... | Passing clouds : lg. S. W. |
| 16 | 29·761 | 0·111 | 83·6 | 77·6 | 94·4 | 78·4 | ... | 74·8 | 0·867 | 75 | 149 | S by E | 73 | 0·02 | Cloudy : th. |
| 17 | 29·758 | 0·116 | 82·9 | 72·8 | 88·0 | 79·3 | ... | 74·8 | 0·672 | 60 | 147 | SW by W | 97 | ... | Overcast. |
| 18 | 29·759 | 0·144 | 84·6 | 74·1 | 93·3 | 79·5 | ... | 74·7 | 0·702 | 59 | 205 | W N W | 87 | ... | Cloudy. |
| 19 | 29·770 | 0·150 | 84·7 | 74·3 | 94·8 | 77·2 | ... | 74·1 | 0·709 | 59 | 196 | N W | 83 | 0·06 | Do. |
| 20 | 29·765 | 0·131 | 83·3 | 74·1 | 88·6 | 79·4 | ... | 75·7 | 0·720 | 63 | 204 | West | 97 | 0·02 | Overcast. |
| 21 | 29·766 | 0·110 | 86·6 | 74·1 | 94·5 | 80·5 | ... | 77·5 | 0·675 | 53 | 153 | W N W | 73 | ... | Passing clouds. |
| 22 | 29·774 | 0·120 | 85·1 | 75·3 | 94·0 | 80·0 | ... | 75·0 | 0·746 | 61 | 125 | N N E | 45 | ... | Fine with passing clouds. |
| 23 | 29·808 | 0·118 | 85·1 | 77·4 | 95·4 | 77·5 | ... | 73·4 | 0·837 | 69 | 134 | S E by S | 27 | ... | Do. do. |
| 24 | 29·830 | 0·124 | 83·3 | 77·3 | 94·3 | 77·5 | ... | 73·5 | 0·857 | 75 | 109 | S S E | 30 | 0·91 | Fine with passing clouds : rain. |
| 25 | 29·849 | 0·110 | 84·6 | 78·2 | 91·0 | 78·7 | ... | 76·2 | 0·879 | 74 | 147 | S S E | 37 | ... | Fine with passing clouds : lg. S. E. |
| 26 | 29·880 | 0·134 | 84·1 | 77·8 | 91·5 | 78·2 | ... | 75·6 | 0·862 | 74 | 166 | S S E | 43 | ... | Passing clouds. |
| 27 | 29·871 | 0·152 | 84·9 | 77·3 | 93·2 | 77·3 | ... | 73·7 | 0·836 | 70 | 109 | S E | 43 | ... | Do. |
| 28 | 29·842 | 0·140 | 85·5 | 75·5 | 94·4 | 79·0 | ... | 74·7 | 0·749 | 61 | 114 | E S E | 17 | ... | Fine with passing clouds. |
| 29 | 29·829 | 0·139 | 85·0 | 75·8 | 94·8 | 76·9 | ... | 71·3 | 0·768 | 64 | 142 | South | 47 | ... | Passing clouds : lg. S. W. |
| 30 | 29·838 | 0·119 | 84·9 | 76·0 | 94·7 | 75·7 | ... | 70·7 | 0·778 | 64 | 120 | South | 47 | ... | Do. do. |
| Mean | 29·791 | 0·129 | 84·7 | 75·9 | 93·0 | 78·5 | ... | 74·5 | 0·779 | 65 | 170 | S S W | 58 | 1·28 | |

# Madras Meteorological Observations. 1865—October.

| October 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·862 | 0·145 | 84·4 | 75·9 | 94·5 | 76·2 | ... | 71·1 | 0·781 | 66 | 137 | S by E | 40 | 0·21 | Fine with passing clouds. |
| 2 | 29·867 | 0·114 | 81·9 | 75·2 | 96·2 | 77·2 | ... | 73·3 | 0·785 | 72 | 145 | South | 42 | ... | Passing clouds. |
| 3 | 29·891 | 0·141 | 84·2 | 76·2 | 94·1 | 75·9 | ... | 72·2 | 0·797 | 68 | 126 | S S E | 40 | 0·43 | Passing clouds : rain. |
| 4 | 29·890 | 0·109 | 80·2 | 74·1 | 96·0 | 73·2 | ... | 72·1 | 0·762 | 74 | 137 | N E by E | 37 | ... | Fine with passing clouds. |
| 5 | 29·864 | 0·139 | 83·3 | 76·3 | 92·5 | 76·0 | ... | 72·6 | 0·813 | 71 | 123 | S E by S | 23 | ... | Do. |
| 6 | 29·836 | 0·124 | 84·4 | 74·9 | 93·1 | 78·3 | ... | 73·8 | 0·738 | 62 | 132 | S E | 42 | ... | Do. |
| 7 | 29·862 | 0·132 | 83·4. | 78·1 | 95·4 | 77·5 | ... | 73·8 | 0·892 | 78 | 128 | S E | 63 | ... | Hazy. |
| 8 | 29·905 | 0·143 | 85·7 | 78·2 | 93·4 | 78·1 | ... | 74·1 | 0·865 | 70 | 165 | S S E | 53 | .. | Passing clouds. |
| 9 | 29·899 | 0·159 | 84·5 | 77·3 | 93·5 | 77·3 | ... | 72·3 | 0·841 | 71 | 129 | S S E | 32 | ... | Do. |
| 10 | 29·903 | 0·138 | 84·9 | 77·3 | 91·1 | 78·8 | ... | 74·1 | 0·836 | 70 | 99 | S E by E | 30 | ... | Light clouds. |
| 11 | 29·908 | 0·135 | 83·1 | 76·5 | 89·0 | 76·4 | ... | 72·4 | 0·825 | 73 | 114 | E by S | 12 | ... | Fine. |
| 12 | 29·912 | 0·122 | 83·5 | 76·0 | 89·6 | 76·0 | ... | 71·7 | 0·798 | 69 | 109 | E by S | 8 | ... | Do. |
| 13 | 29·913 | 0·123 | 82·7 | 75·8 | 89·4 | 76·1 | ... | 71·7 | 0·799 | 71 | 105 | East | 12 | ... | Do. |
| 14 | 29·931 | 0·127 | 83·1 | 75·8 | 89·7 | 75·6 | ... | 71·4 | 0·794 | 70 | 159 | E N E | 15 | ... | Do. |
| 15 | 29·933 | 0·148 | 83·5 | 75·5 | 89·2 | 76·6 | ... | 72·2 | 0·776 | 68 | 135 | E N E | 23 | ... | Fine with passing clouds. |
| 16 | 29·890 | 0·144 | 83·8 | 76·0 | 89·6 | 77·8 | ... | 73·5 | 0·794 | 68 | 176 | N E by E | 30 | ... | Do. |
| 17 | 29·881 | 0·119 | 83·9 | 74·8 | 89·4 | 77·4 | ... | 73·5 | 0·742 | 64 | 213 | N E | 43 | .. | Passing clouds : lg. |
| 18 | 29·992 | 0·113 | 83·1 | 74·3 | 88·9 | 77·0 | ... | 73·1 | 0·731 | 64 | 213 | N E by N | 45 | .. | Hazy. |
| 19 | 29·890 | 0·118 | 82·1 | 73·9 | 88·6 | 74·1 | ... | 71·8 | 0·728 | 60 | 154 | N E by E | 73 | ... | Passing clouds. |
| 20 | 29·887 | 0·126 | 82·1 | 74·2 | 86·9 | 77·4 | ... | 71·9 | 0·740 | 67 | 224 | N E | 90 | 0·22 | Cloudy : lg. N. and W. |
| 21 | 29·876 | 0·110 | 78·9 | 75·9 | 83·5 | 76·1 | ... | 73·0 | 0·855 | 87 | 112 | N E by N | 100 | 0·70 | Overcast : lg. N. |
| 22 | 29·875 | 0·114 | 82·1 | 77·1 | 86·6 | 76·7 | ... | 75·0 | 0·865 | 79 | 122 | N E | 50 | ... | Passing clouds : lg. N. |
| 23 | 29·864 | 0·135 | 82·3 | 77·2 | 87·1 | 77·2 | ... | 73·9 | 0·867 | 79 | 101 | E by N | 60 | 0·09 | Do. |
| 24 | 29·867 | 0·112 | 82·7 | 77·3 | 87·4 | 78·5 | ... | 74·8 | 0·865 | 77 | 104 | E by S | 63 | 0·01 | Do. |
| 25 | 29·866 | 0·110 | 83·0 | 77·2 | 87·2 | 77·9 | ... | 75·2 | 0·857 | 76 | 123 | East | 47 | 0·05 | Passing clouds : lg. N. and S. W. |
| 26 | 29·888 | 0·145 | 79·8 | 76·1 | 85·4 | 74·9 | ... | 70·6 | 0·852 | 84 | 76 | N N E | 73 | 0·96 | Passing clouds : rain. |
| 27 | 29·878 | 0·135 | 81·1 | 76·2 | 87·1 | 75·7 | ... | 72·8 | 0·838 | 78 | 102 | N E by E | 40 | . | Fine with passing clouds. |
| 28 | 29·900 | 0·113 | 79·8 | 72·8 | 85·6 | 73·9 | ... | 70·0 | 0·714 | 70 | 117 | N E by E | 37 | ... | Do. |
| 29 | 29·882 | 0·131 | 80·9 | 74·2 | 86·9 | 74·8 | ... | 71·9 | 0·757 | 72 | 153 | N E | 60 | 0·13 | Passing clouds : N. E. |
| 30 | 29·861 | 0·124 | 78·8 | 74·9 | 83·7 | 72·9 | ... | 71·8 | 0·813 | 82 | 201 | North | 80 | 2·56 | Cloudy : rain. |
| 31 | 29·867 | 0·135 | 77·7 | 74·4 | 84·6 | 73·8 | ... | 71·2 | 0·808 | 85 | 59 | N N E | 100 | 0·46 | Overcast with rain. |
| Mean | 29·885 | 0·129 | 82·4 | 75·8 | 89·5 | 76·3 | ... | 72·7 | 0·804 | 73 | 136 | East | 47 | 5·82 | |

# Madras Meteorological Observations. 1865—November.

| November 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·851 | 0·135 | 81·5 | 76·1 | 87·6 | 75·1 | ... | 71·2 | 0·829 | 77 | 90 | E by N | 73 | ... | Cloudy. |
| 2 | 29·832 | 0·135 | 79·1 | 75·1 | 88·6 | 74·9 | ... | 74·0 | 0·819 | 82 | 106 | South | 73 | 1·46 | Passing clouds : rain : th. and lg. W. |
| 3 | 29·878 | 0·128 | 79·6 | 75·9 | 85·6 | 74·3 | ... | 73·8 | 0·847 | 84 | 88 | W by N | 87 | 0·11 | Cloudy. |
| 4 | 29·905 | 0·141 | 78·4 | 74·9 | 86·6 | 73·7 | ... | 72·9 | 0·819 | 84 | 95 | N by E | 50 | 0·80 | Passing clouds : rain. |
| 5 | 29·908 | 0·110 | 80·1 | 75·2 | 85·1 | 74·7 | ... | 71·9 | 0·809 | 78 | 140 | N N E | 43 | ... | Passing clouds : lg. S. W. |
| 6 | 29·914 | 0·102 | 78·8 | 74·8 | 85·1 | 74·7 | ... | 72·5 | 0·810 | 82 | 165 | N by E | 87 | 0·33 | Cloudy. |
| 7 | 29·920 | 0·108 | 78·8 | 76·2 | 83·7 | 75·3 | ... | 73·1 | 0·870 | 89 | 161 | N by W | 98 | 0·31 | Overcast : th. and lg. N. W. |
| 8 | 29·892 | 0·116 | 78·4 | 71·0 | 84·2 | 74·9 | ... | 74·6 | 0·660 | 68 | 163 | North | 50 | ... | Passing clouds. |
| 9 | 29·896 | 0·107 | 75·6 | 67·9 | 83·8 | 69·5 | ... | 65·0 | 0·581 | 65 | 121 | N by W | 15 | ... | Fine. |
| 10 | 29·882 | 0·118 | 74·2 | 65·8 | 83·3 | 66·6 | ... | 64·6 | 0·523 | 61 | 113 | N N W | 13 | ... | Do. |
| 11 | 29·905 | 0·122 | 74·7 | 67·5 | 85·1 | 66·5 | ... | 60·1 | 0·579 | 67 | 97 | N by W | 13 | ... | Do. |
| 12 | 29·890 | 0·116 | 75·7 | 68·5 | 86·3 | 67·6 | ... | 66·3 | 0·602 | 68 | 113 | N by E | 20 | ... | Do. |
| 13 | 29·898 | 0·117 | 75·2 | 68·0 | 85·3 | 68·5 | ... | 61·4 | 0·590 | 67 | 133 | N by E | 33 | ... | Hazy. |
| 14 | 29·941 | 0·135 | 74·9 | 66·2 | 84·9 | 67·2 | ... | 60·2 | 0·528 | 69 | 102 | N N E | 20 | ... | Fine. |
| 15 | 29·966 | 0·120 | 76·1 | 68·0 | 85·1 | 66·6 | ... | 59·4 | 0·578 | 64 | 124 | N N E | 7 | ... | Do. |
| 16 | 29·979 | 0·113 | 77·7 | 72·4 | 85·1 | 69·6 | ... | 67·2 | 0·727 | 76 | 101 | N E | 3 | ... | Clear. |
| 17 | 29·995 | 0·112 | 79·6 | 75·2 | 85·9 | 72·8 | ... | 68·5 | 0·816 | 80 | 150 | N E by E | 32 | ... | Fine with passing clouds. |
| 18 | 30·011 | 0·097 | 80·2 | 75·0 | 85·1 | 75·6 | ... | 70·6 | 0·799 | 77 | 187 | N E | 70 | 0·03 | Passing clouds : lg. E. and N. E. |
| 19 | 30·045 | 0·125 | 76·4 | 74·1 | 79·9 | 74·0 | ... | 71·4 | 0·813 | 89 | 141 | N E by N | 93 | 0·67 | Cloudy : rain : lg. N. E. |
| 20 | 29·984 | 0·146 | 77·5 | 74·0 | 82·9 | 73·1 | ... | 70·5 | 0·794 | 84 | 178 | N by E | 77 | 0·88 | Cloudy : rain. |
| 21 | 29·924 | 0·123 | 78·1 | 74·4 | 83·7 | 73·2 | ... | 72·3 | 0·802 | 83 | 191 | N E by N | 80 | 0·75 | Do. do. |
| 22 | 29·931 | 0·092 | 79·0 | 74·0 | 83·2 | 75·0 | ... | 72·1 | 0·774 | 78 | 192 | N E | 60 | ... | Passing clouds. |
| 23 | 29·953 | 0·105 | 79·2 | 74·0 | 83·8 | 73·5 | ... | 71·1 | 0·771 | 77 | 284 | N by E | 73 | ... | Do. |
| 24 | 29·877 | 0·134 | 78·2 | 73·4 | 82·1 | 73·4 | ... | 70·9 | 0·760 | 79 | 376 | North | 93 | 0·11 | Cloudy · lg. N. W. |
| 25 | 29·759 | 0·123 | 73·8 | 72·4 | 76·9 | 72·0 | ... | 70·5 | 0·778 | 93 | 464 | North | 100 | 4·73 | Overcast with heavy rain. |
| 26 | 29·641 | 0·153 | 74·6 | 72·6 | 79·6 | 69·1 | ... | 67·9 | 0·775 | 90 | 700 | N N E | 100 | 4·36 | Do. |
| 27 | 29·886 | 0·080 | 73·7 | 72·4 | 78·1 | 72·1 | ... | 70·7 | 0·780 | 94 | 268 | S by E | 78 | 3·16 | Cloudy : rain. |
| 28 | 29·951 | 0·096 | 75·9 | 74·0 | 82·1 | 70·8 | ... | 66·7 | 0·815 | 91 | 68 | S S E | 33 | ... | Passing clouds. |
| 29 | 29·976 | 0·110 | 77·1 | 74·7 | 82·5 | 73·0 | ... | 68·5 | 0·828 | 89 | 86 | N E by E | 50 | ... | Do. |
| 30 | 29·949 | 0·123 | 77·6 | 74·8 | 82·7 | 74·6 | ... | 71·4 | 0·825 | 87 | 104 | N E by E | 67 | 0·06 | Do. |
| Mean | 29·911 | 0·118 | 77·3 | 72·6 | 83·8 | 72·1 | ... | 69·0 | 0·743 | 79 | 177 | N E by N | 56 | 17·76 | |

# Madras Meteorological Observations. 1865—December.

| December 1865 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·934 | 0·126 | 77·7 | 74·2 | 82·1 | 74·7 | ... | 71·1 | 0·800 | 84 | 128 | N E by N | 60 | 0·11 | Passing clouds. |
| 2 | 29·945 | 0·106 | 76·3 | 71·4 | 81·5 | 72·1 | ... | 70·0 | 0·704 | 77 | 155 | N E by N | 57 | ... | Do. |
| 3 | 29·937 | 0·129 | 76·2 | 72·5 | 81·4 | 71·8 | ... | 67·1 | 0·750 | 83 | 200 | North | 83 | ... | Cloudy. |
| 4 | 29·830 | 0·123 | 75·2 | 73·7 | 76·8 | 73·2 | ... | 72·2 | 0·813 | 93 | 399 | N E by N | 100 | 3·14 | Overcast with rain. |
| 5 | 29·954 | 0·083 | 77·0 | 74·6 | 81·8 | 73·7 | ... | 72·1 | 0·826 | 89 | 137 | East | 83 | 1·33 | Do. do. |
| 6 | 30·002 | 0·094 | 76·1 | 74·2 | 82·6 | 74·2 | ... | 71·5 | 0·821 | 91 | 142 | NE by E | 77 | 0·92 | Passing clouds: rain. |
| 7 | 30·003 | 0·106 | 77·7 | 72·1 | 81·0 | 73·9 | ... | 70·5 | 0·714 | 75 | 178 | N E by N | 53 | 0·07 | Passing clouds. |
| 8 | 29·988 | 0·113 | 75·8 | 72·2 | 81·9 | 71·1 | ... | 66·6 | 0·743 | 84 | 126 | N E by N | 43 | ... | Do. |
| 9 | 29·995 | 0·119 | 76·8 | 73·3 | 82·5 | 73·1 | ... | 68·9 | 0·774 | 84 | 111 | NE by E | 37 | ... | Do. |
| 10 | 30·028 | 0·104 | 76·4 | 71·9 | 81·3 | 71·4 | ... | 67·2 | 0·723 | 79 | 77 | E N E | 47 | ... | Do. |
| 11 | 30·012 | 0·118 | 76·8 | 72·2 | 82·0 | 72·0 | ... | 67·7 | 0·730 | 79 | 143 | N E | 23 | ... | Fine with passing clouds. |
| 12 | 30·011 | 0·128 | 77·0 | 72·5 | 81·8 | 71·7 | ... | 67·1 | 0·740 | 80 | 186 | N E by N | 47 | ... | Passing clouds. |
| 13 | 30·000 | 0·116 | 75·9 | 69·4 | 81·8 | 70·6 | ... | 64·5 | 0·633 | 71 | 151 | NE by E | 30 | ... | Fine with passing clouds. |
| 14 | 30·029 | 0·109 | 75·9 | 67·9 | 80·8 | 70·6 | ... | 63·0 | 0·577 | 64 | 204 | N E by E | 23 | ... | Do. do. |
| 15 | 30·052 | 0·116 | 76·4 | 67·3 | 80·2 | 73·1 | ... | 66·7 | 0·548 | 60 | 210 | N E | 22 | ... | Fine. |
| 16 | 30·020 | 0·128 | 75·8 | 68·1 | 81·1 | 69·7 | ... | 61·4 | 0·585 | 65 | 216 | N E | 20 | ... | Do. |
| 17 | 29·995 | 0·119 | 76·6 | 67·7 | 81·1 | 71·2 | ... | 62·7 | 0·559 | 61 | 197 | N E | 13 | ... | Do. |
| 18 | 29·991 | 0·102 | 76·6 | 68·8 | 81·6 | 71·9 | ... | 64·9 | 0·601 | 66 | 231 | N E by N | 25 | ... | Do. |
| 19 | 30·002 | 0·095 | 76·9 | 67·2 | 80·7 | 74·2 | ... | 66·3 | 0·538 | 58 | 262 | N E by N | 32 | ... | Fine with passing clouds. |
| 20 | 30·028 | 0·083 | 76·8 | 69·1 | 81·2 | 70·9 | ... | 69·5 | 0·610 | 66 | 259 | N E by N | 60 | ... | Passing clouds. |
| 21 | 30·070 | 0·110 | 77·9 | 69·7 | 81·4 | 75·4 | ... | 69·6 | 0·617 | 64 | 291 | N E by N | 47 | ... | Do. |
| 22 | 30·079 | 0·104 | 78·0 | 68·5 | 81·1 | 75·9 | ... | 70·4 | 0·571 | 60 | 295 | N E by N | 43 | ... | Do. |
| 23 | 30·051 | 0·120 | 76·3 | 68·9 | 81·4 | 69·2 | ... | 61·7 | 0·608 | 67 | 232 | N E by N | 30 | ... | Do. |
| 24 | 30·028 | 0·096 | 77·5 | 69·5 | 81·0 | 75·3 | ... | 69·9 | 0·615 | 65 | 272 | N E by N | 40 | ... | Do. |
| 25 | 30·025 | 0·112 | 76·2 | 68·8 | 81·7 | 70·1 | ... | 68·0 | 0·605 | 67 | 203 | N N E | 27 | ... | Fine with passing clouds. |
| 26 | 29·984 | 0·126 | 76·1 | 69·5 | 80·7 | 71·3 | ... | 65·7 | 0·634 | 71 | 177 | N N E | 73 | ... | Cloudy. |
| 27 | 29·953 | 0·112 | 74·3 | 69·4 | 81·4 | 69·9 | ... | 63·9 | 0·654 | 76 | 138 | N N E | 40 | ... | Passing clouds. |
| 28 | 29·946 | 0·085 | 73·4 | 68·4 | 80·5 | 68·5 | ... | 61·6 | 0·629 | 76 | 136 | N N E | 60 | ... | Do. |
| 29 | 29·973 | 0·120 | 73·5 | 68·5 | 79·7 | 68·0 | ... | 64·5 | 0·631 | 76 | 153 | N N E | 50 | ... | Do. |
| 30 | 30·002 | 0·121 | 75·2 | 70·0 | 80·4 | 68·9 | ... | 62·5 | 0·665 | 76 | 183 | N N E | 50 | ... | Do. |
| 31 | 29·997 | 0·111 | 77·3 | 69·8 | 81·3 | 74·2 | ... | 68·4 | 0·629 | 67 | 258 | N N E | 38 | ... | Fine with passing clouds. |
| Mean | 29·996 | 0·111 | 76·3 | 70·4 | 81·2 | 72·0 | ... | 67·0 | 0·666 | 73 | 195 | N E by N | 46 | 5·57 | |

## Madras Mean Monthly and Annual Meteorological Results in 1865.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·053 | 0·112 | 73·8 | 79·9 | 67·5 | 12·4 | 67·8 | 64·9 | 0·604 | 73 | ... | 60·4 | 168 | 4 | N E | 0·20 | 1 | 68 |
| February | 29·984 | 0·124 | 77·3 | 83·9 | 70·8 | 13·1 | 71·6 | 68·1 | 0·698 | 74 | ... | 64·2 | 139 | 10 | E S E | ... | ... | 73 |
| March | 29·957 | 0·124 | 80·1 | 87·0 | 72·8 | 14·2 | 73·6 | 70·1 | 0·742 | 72 | ... | 67·4 | 150 | 10 | E S E | ... | ... | 72 |
| April | 29·849 | 0·136 | 85·3 | 92·7 | 78·7 | 14·0 | 78·2 | 75·3 | 0·871 | 72 | ... | 74·9 | 188 | 13 | S E by S | 0·02 | 1 | 61 |
| May | 29·743 | 0·125 | 88·0 | 97·9 | 81·9 | 16·0 | 78·6 | 75·6 | 0·853 | 64 | ... | 78·8 | 254 | 17 | S by W | 0·38 | 6 | 55 |
| June | 29·712 | 0·121 | 88·5 | 99·5 | 82·4 | 17·1 | 77·7 | 74·9 | 0·806 | 60 | ... | 78·6 | 241 | 19 | S W by S | 1·40 | 11 | 35 |
| July | 29·750 | 0·125 | 86·4 | 96·4 | 79·9 | 16·5 | 76·8 | 73·7 | 0·792 | 63 | ... | 76·7 | 225 | 19 | S W by S | 2·02 | 12 | 37 |
| August | 29·753 | 0·123 | 83·4 | 91·6 | 77·9 | 13·7 | 76·2 | 73·4 | 0·810 | 71 | ... | 75·5 | 178 | 20 | S W | 7·19 | 19 | 21 |
| September | 29·791 | 0·129 | 84·7 | 93·0 | 78·5 | 14·5 | 75·9 | 72·7 | 0·779 | 65 | ... | 74·5 | 170 | 18 | S S W | 1·28 | 6 | 42 |
| October | 29·885 | 0·129 | 82·4 | 89·5 | 76·3 | 13·2 | 75·8 | 72·9 | 0·804 | 73 | ... | 72·7 | 136 | 8 | East | 5·82 | 11 | 53 |
| November | 29·911 | 0·118 | 77·3 | 83·8 | 72·1 | 11·7 | 72·6 | 69·8 | 0·743 | 79 | ... | 69·0 | 177 | 3 | N E by N | 17·76 | 14 | 44 |
| December | 29·996 | 0·111 | 76·3 | 81·2 | 72·0 | 9·2 | 70·4 | 68·1 | 0·666 | 73 | ... | 67·0 | 195 | 3 | N E by N | 5·57 | 5 | 54 |
| Annual | 29·865 | 0·123 | 82·0 | 89·7 | 75·9 | 13·8 | 74·6 | 71·6 | 0·764 | 70 | ... | 71·6 | 177 | 12 | S E | 41·64 | 86 | 51 |

## Madras Extreme Monthly Meteorological Records in 1865.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·167 | 18 | 29·907 | 31 | 0·260 | 82·1 | 31 | 63·3 | 28 | 61·5 | 28 | 56 | 4 | ... | ... | 55·1 | 28 | 256 | 17 | 72 | 28 | 0·20 | 5 |
| February | 30·134 | 16 | 29·799 | 11 | 0·335 | 86·4 | 26 | 67·4 | 24 | 64·9 | 24 | 55 | 21 | ... | ... | 59·1 | 22 | 203 | 15 | 80 | 20 | ... | ... |
| March | 30·085 | 17 | 29·805 | 8 | 0·280 | 90·2 | 30 | 68·6 | 5 | 66·4 | 5 | 58 | 29 | ... | ... | 61·0 | 4 | 243 | 9 | 87 | 24 | ... | ... |
| April | 30·027 | 1 | 29·567 | 30 | 0·460 | 96·3 | 30 | 74·4 | 12 | 71·9 | 12 | 44 | 18 | ... | ... | 70·7 | 12 | 256 | 30 | 110 | 13 | 0·02 | 20 |
| May | 29·865 | 7 | 29·517 | 31 | 0·348 | 103·4 | 5 | 78·8 | 25 | 72·5 | 5 | 35 | 11 | ... | ... | 76·2 | 21 | 359 | 30 | 131 | 21 | 0·13 | 23 |
| June | 29·848 | 12 | 29·524 | 1 | 0·324 | 103·3 | 25 | 80·4 | 26 | 71·6 | 30 | 35 | 9 | ... | ... | 75·5 | 26 | 324 | 30 | 166 | 6 | 0·52 | 25 |
| July | 29·881 | 25 | 29·576 | 1 | 0·305 | 101·3 | 2 | 76·1 | 8 | 72·0 | 7 | 33 | 17 | ... | ... | 73·4 | 21 | 349 | 7 | 126 | 23 | 0·87 | 8 |
| August | 29·895 | 18 | 29·613 | 10 | 0·282 | 97·8 | 29 | 74·9 | 6 | 70·6 | 22 | 42 | 29 | ... | ... | 73·4 | 15 | 269 | 21 | 70 | 2 | 1·80 | 30 |
| September | 29·941 | 27 | 29·650 | 9 | 0·291 | 95·6 | 12 | 75·7 | 30 | 70·6 | 17 | 37 | 12 | ... | ... | 70·7 | 30 | 242 | 10 | 109 | 27 | 0·91 | 24 |
| October | 29·998 | 15 | 29·772 | 6 | 0·226 | 96·2 | 2 | 72·9 | 30 | 69·2 | 6 | 45 | 4 | ... | ... | 70·0 | 28 | 243 | 18 | 59 | 31 | 2·56 | 30 |
| November | 30·108 | 19 | 29·589 | 26 | 0·519 | 88·6 | 2 | 66·5 | 11 | 62·8 | 15 | 39 | 14 | ... | ... | 59·4 | 15 | 700 | 26 | 68 | 28 | 4·73 | 25 |
| December | 30·132 | 22 | 29·767 | 4 | 0·365 | 82·6 | 6 | 68·0 | 29 | 64·2 | 15 | 51 | 17 | ... | ... | 61·4 | 16 | 399 | 4 | 77 | 10 | 3·14 | 4 |

## Madras Meteorological Observations. 1866—January.

| January 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·016 | 0·115 | 76·9 | 70·0 | 82·1 | 72·6 | 130·2 | 65·0 | 0·642 | 69 | 250 | NE by E | 28 | ... | Fine with passing clouds. |
| 2 | 30·003 | 0·127 | 76·7 | 69·5 | 81·8 | 72·0 | 132·0 | 65·0 | 0·626 | 68 | 246 | E N E | 27 | ... | Light clouds. |
| 3 | 30·014 | 0·105 | 76·2 | 69·1 | 81·8 | 73·4 | 130·5 | 67·9 | 0·618 | 69 | 156 | E by N | 37 | ... | Passing clouds. |
| 4 | 29·995 | 0·107 | 74·1 | 67·8 | 80·8 | 67·7 | 131·5 | 59·6 | 0·596 | 71 | 110 | N E by E | 33 | ... | Do. |
| 5 | 29·943 | 0·137 | 74·5 | 68·5 | 80·7 | 67·6 | 126·5 | 60·0 | 0·618 | 72 | 101 | E N E | 40 | ... | Fine with passing clouds. |
| 6 | 29·919 | 0·128 | 74·5 | 68·6 | 81·6 | 67·7 | 132·6 | 59·8 | 0·621 | 72 | 98 | East | 13 | ... | Fine. |
| 7 | 29·974 | 0·098 | 74·4 | 69·2 | 80·7 | 67·8 | 131·0 | 60·4 | 0·645 | 75 | 98 | E by N | 23 | ... | Fine with passing clouds. |
| 8 | 30·037 | 0·122 | 75·9 | 70·1 | 81·2 | 68·8 | 130·8 | 61·5 | 0·660 | 74 | 154 | E N E | 33 | ... | Do. |
| 9 | 30·060 | 0·133 | 76·2 | 69·3 | 80·6 | 68·9 | 126·8 | 61·6 | 0·625 | 69 | 199 | E N E | 27 | ... | Do. |
| 10 | 30·070 | 0·097 | 75·8 | 67·9 | 81·7 | 71·1 | 131·2 | 63·6 | 0·678 | 64 | 216 | NE by E | 40 | ... | Do. |
| 11 | 30·060 | 0·100 | 74·3 | 65·7 | 80·6 | 67·2 | 125·8 | 59·7 | 0·519 | 61 | 161 | NE by E | 27 | ... | Do. |
| 12 | 30·047 | 0·126 | 73·9 | 65·7 | 79·6 | 66·9 | 125·7 | 58·2 | 0·524 | 62 | 109 | NE by E | 27 | ... | Do. |
| 13 | 30·032 | 0·137 | 75·1 | 66·5 | 79·9 | 70·0 | 129·9 | 62·7 | 0·537 | 62 | 130 | N E by E | 40 | ... | Do. |
| 14 | 30·046 | 0·106 | 75·2 | 67·7 | 82·1 | 70·0 | 126·7 | 63·2 | 0·579 | 66 | 157 | N E | 28 | ... | Do. |
| 15 | 30·072 | 0·118 | 75·9 | 70·4 | 81·4 | 69·4 | 130·7 | 63·9 | 0·671 | 75 | 175 | N E | 10 | ... | Fine. |
| 16 | 30·040 | 0·113 | 73·9 | 69·0 | 79·9 | 69·9 | 125·3 | 65·2 | 0·644 | 76 | 147 | N E | 12 | ... | Do. |
| 17 | 30·032 | 0·116 | 73·2 | 67·3 | 81·4 | 66·1 | 127·2 | 60·0 | 0·591 | 72 | 66 | E N E | 3 | ... | Clear. |
| 18 | 30·029 | 0·131 | 72·5 | 67·0 | 81·2 | 64·9 | 127·0 | 56·8 | 0·589 | 74 | 65 | E S E | 3 | ... | Do. |
| 19 | 30·035 | 0·125 | 73·1 | 68·1 | 82·1 | 66·0 | 126·9 | 59·6 | 0·621 | 76 | 74 | SE by S | 2 | ... | Do. |
| 20 | 30·053 | 0·125 | 73·4 | 68·3 | 81·9 | 65·7 | 128·0 | 58·6 | 0·625 | 76 | 87 | S S E | 17 | ... | Fine. |
| 21 | 30·081 | 0·118 | 73·2 | 68·1 | 81·5 | 65·2 | 126·2 | 58·6 | 0·620 | 76 | 86 | S E by E | 7 | ... | Do. |
| 22 | 30·083 | 0·130 | 74·3 | 68·4 | 81·1 | 66·5 | 132·0 | 53·8 | 0·616 | 72 | 96 | East | 12 | ... | Do. |
| 23 | 30·079 | 0·123 | 74·7 | 69·4 | 81·5 | 67·7 | 129·0 | 60·3 | 0·649 | 75 | 112 | E by N | 22 | ... | Fine with passing clouds. |
| 24 | 30·100 | 0·131 | 75·1 | 68·4 | 82·4 | 69·7 | 130·0 | 61·9 | 0·606 | 69 | 146 | E N E | 12 | ... | Fine. |
| 25 | 30·072 | 0·147 | 74·2 | 68·0 | 81·0 | 67·4 | 127·0 | 59·3 | 0·603 | 71 | 137 | E N E | 2 | ... | Clear. |
| 26 | 30·079 | 0·133 | 73·9 | 67·5 | 80·9 | 65·7 | 126·6 | 57·4 | 0·589 | 70 | 119 | E N E | 0 | ... | Do. |
| 27 | 30·013 | 0·143 | 74·7 | 69·1 | 81·5 | 66·8 | 130·2 | 59·1 | 0·638 | 74 | 127 | E by N | 2 | ... | Do. |
| 28 | 30·020 | 0·141 | 74·7 | 67·8 | 81·0 | 67·4 | 126·4 | 61·5 | 0·588 | 68 | 118 | East | 10 | ... | Fine. |
| 29 | 29·989 | 0·151 | 74·3 | 69·0 | 82·4 | 66·6 | 130·6 | 59·4 | 0·639 | 75 | 91 | E by S | 10 | ... | Do. |
| 30 | 29·925 | 0·146 | 74·9 | 69·5 | 82·8 | 66·4 | 127·0 | 59·0 | 0·650 | 75 | 113 | SE by S | 8 | ... | Do. |
| 31 | 29·921 | 0·126 | 77·0 | 72·5 | 83·9 | 69·5 | 138·0 | 64·1 | 0·740 | 80 | 163 | SE by S | 18 | ... | Fine with passing clouds. |
| Mean | 30·028 | 0·124 | 74·7 | 68·5 | 81·4 | 68·1 | 129·0 | 61·0 | 0·618 | 71 | 132 | E by N | 18 | *Nil.* | |

# Madras Meteorological Observations. 1866—February.

| February 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·941 | 0·125 | 78·4 | 74·1 | 85·5 | 71·9 | 134·0 | 67·3 | 0·786 | 81 | 144 | S S E | 22 | ... | Fine with passing clouds. |
| 2 | 29·936 | 0·143 | 79·2 | 74·6 | 85·9 | 73·1 | 130·9 | 68·7 | 0·796 | 80 | 144 | SE by S | 20 | ... | Do. |
| 3 | 29·884 | 0·164 | 79·8 | 73·9 | 85·9 | 73·1 | 135·0 | 68·6 | 0·758 | 74 | 144 | S S E | 33 | ... | Do. |
| 4 | 29·803 | 0·182 | 80·2 | 74·6 | 90·7 | 73·9 | 134·8 | 70·3 | 0·783 | 76 | 189 | South | 10 | ... | Fine. |
| 5 | 29·815 | 0·126 | 80·5 | 73·5 | 88·8 | 76·0 | ... | 71·7 | 0·733 | 71 | 145 | SE by S | 23 | ... | Fine with passing clouds. |
| 6 | 29·898 | 0·111 | 79·9 | 73·9 | 88·1 | 72·7 | 126·2 | 67·4 | 0·757 | 74 | 144 | S by E | 28 | ... | Do. |
| 7 | 29·958 | 0·140 | 79·9 | 73·7 | 86·6 | 73·3 | 134·7 | 67·9 | 0·750 | 73 | 137 | S S E | 18 | ... | Do. |
| 8 | 29·964 | 0·124 | 79·2 | 73·1 | 85·2 | 72·6 | 126·5 | 66·9 | 0·734 | 74 | 109 | S E by S | 35 | ... | Passing clouds. |
| 9 | 29·971 | 0·134 | 78·8 | 72·8 | 84·5 | 71·7 | 120·3 | 67·7 | 0·727 | 74 | 128 | E S E | 18 | ... | Fine with passing clouds. |
| 10 | 29·976 | 0·141 | 78·7 | 74·8 | 85·4 | 71·7 | 131·6 | 70·6 | 0·810 | 82 | 133 | E S E | 60 | 0·21 | Passing clouds: rain. |
| 11 | 29·960 | 0·159 | 80·9 | 75·5 | 86·4 | 75·9 | 132·0 | 72·8 | 0·811 | 77 | 177 | SE by S | 33 | ... | Fine with passing clouds. |
| 12 | 29·933 | 0·130 | 80·8 | 75·2 | 86·4 | 74·8 | 135·5 | 72·2 | 0·800 | 76 | 131 | SE by E | 20 | ... | Do. |
| 13 | 29·961 | 0·153 | 79·9 | 74·9 | 85·4 | 75·0 | 132·2 | 71·6 | 0·799 | 78 | 120 | East | 25 | ... | Do. |
| 14 | 29·950 | 0·140 | 79·9 | 73·2 | 85·3 | 73·8 | 134·0 | 68·7 | 0·728 | 71 | 125 | East | 28 | ... | Do. |
| 15 | 29·958 | 0·145 | 78·5 | 71·8 | 84·6 | 72·8 | 131·0 | 67·5 | 0·691 | 71 | 115 | East | 13 | ... | Fine. |
| 16 | 29·944 | 0·118 | 78·1 | 71·3 | 83·7 | 70·7 | 132·2 | 65·4 | 0·677 | 70 | 111 | East | 23 | ... | Fine with passing clouds. |
| 17 | 29·940 | 0·118 | 77·3 | 69·7 | 83·8 | 70·0 | 137·0 | 64·6 | 0·626 | 67 | 97 | E by S | 17 | ... | Do. |
| 18 | 29·957 | 0·128 | 77·6 | 69·5 | 84·5 | 71·6 | 135·0 | 67·0 | 0·614 | 65 | 94 | E S E | 33 | ... | Passing clouds. |
| 19 | 29·955 | 0·143 | 77·2 | 68·0 | 83·0 | 71·1 | 138·3 | 64·2 | 0·563 | 60 | 97 | E by S | 7 | ... | Fine. |
| 20 | 29·956 | 0·138 | 77·0 | 67·7 | 84·0 | 71·7 | 129·4 | 65·6 | 0·555 | 60 | 95 | East | 0 | ... | Clear. |
| 21 | 29·943 | 0·139 | 76·3 | 68·7 | 84·4 | 68·1 | 129·0 | 61·3 | 0·608 | 67 | 79 | E by S | 2 | ... | Do. |
| 22 | 29·921 | 0·130 | 75·8 | 70·1 | 83·6 | 67·2 | 133·0 | 61·8 | 0·661 | 74 | 93 | E by S | 20 | ... | Fine with light clouds. |
| 23 | 29·951 | 0·114 | 77·6 | 71·6 | 84·0 | 68·5 | 133·3 | 62·2 | 0·695 | 74 | 115 | East | 33 | ... | Fine with passing clouds. |
| 24 | 29·974 | 0·133 | 77·9 | 70·7 | 84·4 | 70·5 | 136·0 | 65·8 | 0·656 | 69 | 117 | E by N | 33 | ... | Do. |
| 25 | 29·965 | 0·121 | 77·8 | 69·5 | 84·7 | 70·5 | 135·0 | 64·2 | 0·611 | 64 | 158 | E N E | 8 | ... | Fine. |
| 26 | 29·926 | 0·131 | 76·3 | 68·6 | 83·3 | 71·9 | 133·0 | 60·3 | 0·596 | 66 | 102 | NE by E | 3 | ... | Clear. |
| 27 | 29·923 | 0·116 | 73·9 | 67·2 | 83·3 | 65·5 | 131·0 | 63·2 | 0·578 | 69 | 73 | E by N | 28 | ... | Hazy. |
| 28 | 29·915 | 0·119 | 75·9 | 70·1 | 84·8 | 64·4 | 130·2 | 60·7 | 0·660 | 74 | 100 | E S E | 12 | ... | Fine. |
| | | | | | ... | | | | | | | | | | |
| | | | | | ... | | | | | | | | | | |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·935 | 0·134 | 78·3 | 71·9 | 85·2 | 71·6 | 132·3 | 66·9 | 0·699 | 72 | 122 | E S E | 22 | 0·21 | |

# Madras Meteorological Observations. 1866—March.

| March 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·915 | 0·123 | 76·9 | 70·9 | 86·6 | 69·3 | 130·8 | 63·1 | 0·677 | 73 | 121 | SE by S | 7 | ... | Fine. |
| 2 | 29·925 | 0·111 | 75·9 | 69·2 | 85·8 | 66·5 | 131·2 | 59·3 | 0·624 | 70 | 120 | SE by S | 10 | ... | Do. |
| 3 | 29·931 | 0·112 | 77·2 | 70·4 | 86·5 | 66·4 | 130·0 | 59·6 | 0·653 | 70 | 140 | S S E | 5 | ... | Clear. |
| 4 | 29·877 | 0·134 | 78·8 | 73·3 | 88·6 | 70·7 | 135·0 | 66·1 | 0·747 | 76 | 137 | S by E | 23 | ... | Fine. |
| 5 | 29·904 | 0·121 | 78·9 | 72·9 | 86·9 | 72·5 | 132·0 | 67·4 | 0·730 | 74 | 156 | S S E | 20 | ... | Do. |
| 6 | 29·928 | 0·125 | 77·5 | 71·0 | 86·9 | 68·8 | 130·2 | 61·4 | 0·673 | 71 | 135 | S by E | 3 | ... | Clear. |
| 7 | 29·919 | 0·131 | 78·9 | 72·1 | 87·1 | 69·0 | 132·0 | 62·9 | 0·698 | 71 | 157 | S S E | 2 | ... | Do. |
| 8 | 29·923 | 0·116 | 80·4 | 74·0 | 87·6 | 71·9 | 134·0 | 66·9 | 0·754 | 72 | 169 | S E by S | 8 | ... | Fine. |
| 9 | 29·913 | 0·142 | 81·2 | 75·3 | 88·5 | 72·9 | 132·0 | 67·6 | 0·800 | 74 | 172 | S S E | 10 | ... | Do. |
| 10 | 29·885 | 0·152 | 80·9 | 74·2 | 88·7 | 73·8 | 136·2 | 68·2 | 0·757 | 72 | 157 | SE by S | 35 | ... | Fine with passing clouds. |
| 11 | 29·920 | 0·114 | 78·8 | 72·5 | 87·3 | 69·8 | 131·0 | 64·5 | 0·715 | 73 | 164 | SE by S | 13 | ... | Fine. |
| 12 | 30·040 | 0·103 | 80·3 | 73·7 | 88·2 | 72·9 | 131·2 | 67·4 | 0·744 | 72 | 150 | SE by S | 35 | ... | Fine with passing clouds. |
| 13 | 30·015 | 0·157 | 79·6 | 72·9 | 88·9 | 71·7 | 134·0 | 65·7 | 0·720 | 71 | 104 | SE by S | 5 | ... | Fine. |
| 14 | 29·939 | 0·159 | 78·6 | 72·1 | 88·6 | 70·0 | 133·1 | 63·6 | 0·702 | 72 | 109 | SE by S | 15 | ... | Do. |
| 15 | 29·929 | 0·139 | 79·5 | 72·2 | 89·7 | 69·5 | 133·3 | 63·7 | 0·692 | 69 | 128 | S S E | 43 | ... | Hazy. |
| 16 | 29·947 | 0·134 | 80·6 | 75·2 | 88·6 | 72·4 | 129·1 | 67·9 | 0·802 | 76 | 199 | S S E | 27 | ... | Do. |
| 17 | 29·908 | 0·180 | 81·3 | 76·3 | 90·4 | 73·4 | 133·2 | 69·4 | 0·840 | 78 | 186 | S by E | 35 | ... | Do. |
| 18 | 29·883 | 0·149 | 82·5 | 77·1 | 89·2 | 75·7 | 133·1 | 70·7 | 0·859 | 77 | 205 | S by E | 43 | ... | Do. |
| 19 | 29·872 | 0·136 | 81·6 | 75·7 | 88·7 | 74·5 | 131·0 | 70·6 | 0·811 | 75 | 137 | S S E | 20 | ... | Fine. |
| 20 | 29·876 | 0·135 | 81·5 | 75·8 | 90·5 | 74·2 | 132·4 | 70·1 | 0·817 | 76 | 150 | S by E | 15 | ... | Do. |
| 21 | 29·887 | 0·121 | 81·6 | 75·7 | 88·4 | 74·4 | 139·4 | 69·5 | 0·811 | 75 | 179 | S S E | 5 | ... | Clear. |
| 22 | 29·803 | 0·170 | 82·6 | 76·3 | 92·2 | 74·4 | 135·4 | 70·7 | 0·823 | 74 | 210 | S by E | 5 | ... | Do. |
| 23 | 29·795 | 0·149 | 83·9 | 77·5 | 92·6 | 78·6 | 134·8 | 75·8 | 0·858 | 74 | 252 | S by E | 18 | ... | Light haze. |
| 24 | 29·846 | 0·107 | 83·3 | 76·8 | 90·7 | 76·6 | 133·3 | 72·1 | 0·835 | 73 | 248 | S S E | 12 | ... | Fine. |
| 25 | 29·877 | 0·149 | 82·5 | 76·3 | 90·8 | 74·2 | 134·0 | 69·7 | 0·824 | 74 | 230 | S by E | 7 | ... | Do. |
| 26 | 29·836 | 0·166 | 83·0 | 76·4 | 90·9 | 75·1 | 134·0 | 70·5 | 0·822 | 73 | 219 | S S E | 18 | ... | Light haze. |
| 27 | 29·780 | 0·140 | 83·7 | 76·6 | 94·2 | 75·7 | 137·7 | 72·6 | 0·821 | 72 | 238 | South | 2 | ... | Clear. |
| 28 | 29·818 | 0·121 | 83·5 | 78·2 | 90·7 | 76·5 | 132·3 | 72·2 | 0·895 | 78 | 254 | S S E | 13 | ... | Fine. |
| 29 | 29·883 | 0·103 | 83·3 | 77·4 | 90·2 | 78·6 | 135·0 | 75·5 | 0·861 | 75 | 255 | S E by S | 37 | ... | Passing clouds. |
| 30 | 29·892 | 0·123 | 82·6 | 75·7 | 89·2 | 76·1 | 134·1 | 73·3 | 0·796 | 71 | 163 | SE by E | 10 | ... | Fine. |
| 31 | 29·851 | 0·145 | 82·7 | 77·3 | 89·2 | 75·6 | 135·1 | 71·6 | 0·865 | 77 | 188 | S E | 10 | ... | Do. |
| Mean | 29·894 | 0·134 | 80·8 | 74·5 | 89·1 | 73·0 | 133·2 | 68·1 | 0·775 | 73 | 175 | S S E | 16 | *Nil.* | |

# Madras Meteorological Observations. 1866—April.

| April 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·850 | 0·135 | 83·6 | 77·7 | 89·6 | 76·0 | 140·0 | 72·3 | 0·871 | 75 | 214 | S E | 30 | ... | Fine with passing clouds. |
| 2 | 29·842 | 0·143 | 84·5 | 78·0 | 91·0 | 78·0 | 137·8 | 73·0 | 0·872 | 74 | 205 | S E | 30 | ... | Do. do. |
| 3 | 29·802 | 0·140 | 85·2 | 78·4 | 91·4 | 79·7 | 140·5 | 75·8 | 0·881 | 73 | 220 | S E | 37 | ... | Passing clouds. |
| 4 | 29·820 | 0·105 | 84·8 | 77·5 | 91·0 | 79·3 | 137·8 | 74·7 | 0·848 | 71 | 169 | S E | 30 | ... | Fine with passing clouds. |
| 5 | 29·845 | 0·093 | 84·8 | 77·8 | 91·3 | 79·8 | 137·7 | 73·8 | 0·860 | 72 | 172 | S E | 47 | ... | Passing clouds. |
| 6 | 29·828 | 0·158 | 83·2 | 76·9 | 90·4 | 76·1 | 136·6 | 70·9 | 0·841 | 74 | 158 | S E by S | 2 | ... | Clear. |
| 7 | 29·766 | 0·173 | 84·1 | 77·6 | 94·2 | 76·5 | 136·5 | 70·8 | 0·860 | 74 | 208 | S S E | 0 | ... | Do. |
| 8 | 29·767 | 0·153 | 85·7 | 77·0 | 93·5 | 78·0 | 138·1 | 72·7 | 0·811 | 65 | 229 | S S E | 23 | ... | Fine with passing clouds. |
| 9 | 29·801 | 0·143 | 86·4 | 78·6 | 93·8 | 80·8 | 137·4 | 77·5 | 0·874 | 69 | 253 | S S E | 30 | ... | Do. |
| 10 | 29·788 | 0·147 | 86·5 | 78·9 | 95·6 | 79·8 | 139·8 | 76·3 | 0·888 | 70 | 268 | S by E | 13 | ... | Fine. |
| 11 | 29·755 | 0·147 | 86·1 | 77·3 | 97·6 | 78·3 | 139·8 | 72·6 | 0·819 | 65 | 267 | S by E | 27 | ... | Hazy. |
| 12 | 29·744 | 0·119 | 87·0 | 79·0 | 94·6 | 80·6 | 138·5 | 77·0 | 0·884 | 69 | 252 | S by E | 10 | ... | Fine. |
| 13 | 29·820 | 0·127 | 86·9 | 79·3 | 95·3 | 81·2 | 136·6 | 77·6 | 0·900 | 70 | 266 | S S E | 7 | ... | Do. |
| 14 | 29·834 | 0·178 | 85·8 | 78·6 | 94·4 | 79·1 | 137·3 | 74·9 | 0·882 | 71 | 238 | S S E | 3 | ... | Clear. |
| 15 | 29·804 | 0·148 | 85·3 | 78·9 | 93·1 | 78·7 | 136·1 | 74·8 | 0·902 | 74 | 257 | S S E | 3 | ... | Do. |
| 16 | 29·801 | 0·131 | 86·0 | 78·4 | 95·4 | 79·9 | 136·8 | 75·6 | 0·871 | 70 | 276 | S S E | 7 | ... | Fine. |
| 17 | 29·847 | 0·128 | 85·4 | 77·5 | 93·9 | 78·8 | 140·0 | 74·0 | 0·838 | 68 | 238 | S S E | 7 | ... | Do. |
| 18 | 29·859 | 0·147 | 84·3 | 77·7 | 91·9 | 77·2 | 135·5 | 72·2 | 0·862 | 74 | 226 | S E by S | 10 | ... | Do. |
| 19 | 29·845 | 0·156 | 86·0 | 78·9 | 93·7 | 79·7 | 137·2 | 77·2 | 0·894 | 72 | 245 | S S E | 13 | ... | Do. |
| 20 | 29·860 | 0·142 | 86·8 | 79·3 | 94·3 | 82·0 | 135·0 | 79·7 | 0·901 | 70 | 268 | S S E | 20 | ... | Fine with passing clouds. |
| 21 | 29·893 | 0·120 | 86·4 | 79·4 | 93·6 | 80·9 | 138·0 | 77·5 | 0·911 | 72 | 236 | S E by S | 17 | ... | Do. |
| 22 | 29·928 | 0·124 | 86·3 | 79·7 | 92·7 | 79·7 | 137·0 | 76·1 | 0·927 | 74 | 188 | S E | 20 | ... | Do. |
| 23 | 29·928 | 0·140 | 86·4 | 79·7 | 93·7 | 81·1 | 141·0 | 77·1 | 0·925 | 73 | 153 | S E | 20 | ... | Do. |
| 24 | 29·918 | 0·153 | 86·4 | 78·6 | 93·4 | 81·6 | 141·2 | 77·1 | 0·874 | 69 | 185 | S S E | 43 | ... | Passing clouds. |
| 25 | 29·871 | 0·140 | 86·2 | 78·9 | 93·7 | 80·2 | 140·4 | 76·3 | 0·891 | 71 | 201 | S E by S | 53 | ... | Passing clouds: th. S. W. |
| 26 | 29·861 | 0·145 | 86·5 | 79·1 | 93·1 | 81·0 | 138·0 | 77·5 | 0·895 | 70 | 224 | S S E | 37 | ... | Do. |
| 27 | 29·883 | 0·138 | 86·1 | 79·1 | 93·5 | 79·6 | 138·6 | 74·8 | 0·901 | 72 | 194 | S S E | 20 | ... | Fine with passing clouds. |
| 28 | 29·874 | 0·139 | 85·7 | 78·7 | 93·0 | 79·3 | 137·6 | 74·7 | 0·888 | 72 | 193 | S S E | 10 | ... | Fine. |
| 29 | 29·854 | 0·142 | 85·4 | 78·8 | 92·6 | 77·0 | 138·0 | 74·4 | 0·897 | 74 | 206 | S S E | 15 | ... | Do. |
| 30 | 29·831 | 0·112 | 85·9 | 78·5 | 93·1 | 79·0 | 140·0 | 73·5 | 0·876 | 70 | 173 | S E by S | 30 | ... | Light clouds. |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·837 | 0·139 | 85·7 | 78·5 | 93·3 | 79·3 | 138·2 | 75·1 | 0·878 | 71 | 219 | S E by S | 20 | *Nil.* | |

## Madras Meteorological Observations. 1866—May.

| May 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·828 | 0·148 | 85·4 | 79·4 | 91·9 | 81·7 | 138·8 | 77·6 | 0·924 | 76 | 106 | SE by S | 60 | 0·08 | Cloudy : th. |
| 2 | 29·800 | 0·155 | 86·2 | 78·7 | 93·6 | 79·1 | 134·2 | 74·9 | 0·881 | 70 | 135 | S E | 20 | ... | Fine with light clouds. |
| 3 | 29·772 | 0·149 | 85·8 | 78·0 | 93·1 | 80·6 | 144·8 | 74·8 | 0·855 | 69 | 87 | S E | 37 | ... | Passing clouds : th. |
| 4 | 29·712 | 0·148 | 87·4 | 79·6 | 98·1 | 79·8 | 142·3 | 74·5 | 0·907 | 70 | 218 | S S E | 12 | ... | Fine. |
| 5 | 29·673 | 0·144 | 90·6 | 79·4 | 104·7 | 83·9 | 143·9 | 79·6 | 0·854 | 59 | 217 | S by W | 20 | ... | Hazy. |
| 6 | 29·658 | 0·120 | 91·4 | 79·4 | 104·1 | 84·5 | 147·0 | 80·2 | 0·843 | 57 | 305 | S by W | 17 | ... | Fine. |
| 7 | 29·656 | 0·126 | 91·8 | 76·7 | 108·1 | 79·7 | 150·6 | 79·5 | 0·716 | 48 | 232 | S W | 7 | ... | Do. |
| 8 | 29·675 | 0·112 | 91·6 | 76·6 | 104·3 | 82·7 | 146·8 | 79·3 | 0·714 | 48 | 204 | S by E | 8 | ... | Do. |
| 9 | 29·705 | 0·121 | 90·8 | 79·3 | 104·2 | 83·4 | 147·5 | 81·5 | 0·850 | 58 | 230 | South | 3 | ... | Clear. |
| 10 | 29·718 | 0·131 | 88·5 | 80·3 | 97·5 | 81·6 | 141·0 | 76·5 | 0·925 | 68 | 277 | S S E | 15 | ... | Fine. |
| 11 | 29·706 | 0·156 | 88·7 | 79·5 | 97·9 | 83·9 | 141·2 | 78·1 | 0·884 | 66 | 304 | South | 22 | ... | Fine with light clouds. |
| 12 | 29·673 | 0·123 | 88·5 | 79·7 | 97·0 | 81·2 | 138·0 | 77·0 | 0·896 | 67 | 277 | S by E | 15 | ... | Fine. |
| 13 | 29·708 | 0·103 | 88·3 | 80·5 | 96·6 | 82·5 | 140·9 | 79·3 | 0·937 | 70 | 317 | S by E | 5 | ... | Clear. |
| 14 | 29·723 | 0·130 | 88·3 | 79·6 | 98·3 | 81·6 | 140·5 | 77·6 | 0·894 | 67 | 288 | South | 3 | ... | Do. |
| 15 | 29·725 | 0·135 | 88·3 | 80·1 | 94·6 | 82·0 | 138·1 | 78·8 | 0·917 | 68 | 340 | South | 10 | ... | Fine : lg. |
| 16 | 29·712 | 0·144 | 90·0 | 79·5 | 107·0 | 82·5 | 149·4 | 79·2 | 0·867 | 62 | 306 | S by W | 13 | ... | Fine : lg. W. |
| 17 | 29·697 | 0·127 | 89·8 | 79·1 | 101·2 | 83·0 | 145·5 | 79·1 | 0·850 | 61 | 323 | S by E | 12 | ... | Fine. |
| 18 | 29·728 | 0·120 | 89·8 | 77·8 | 100·0 | 83·4 | 144·2 | 79·4 | 0·792 | 56 | 266 | South | 40 | ... | Hazy : lg. W. |
| 19 | 29·709 | 0·139 | 91·3 | 77·7 | 106·8 | 83·2 | 155·0 | 78·5 | 0·767 | 52 | 257 | S by W | 35 | ... | Hazy. |
| 20 | 29·718 | 0·112 | 90·8 | 78·1 | 101·2 | 83·8 | 144·8 | 79·5 | 0·791 | 55 | 249 | South | 13 | ... | Fine. |
| 21 | 29·725 | 0·123 | 88·4 | 81·2 | 94·5 | 83·6 | 138·8 | 80·4 | 0·969 | 72 | 290 | S by E | 18 | ... | Do. |
| 22 | 29·709 | 0·141 | 88·5 | 79·9 | 97·0 | 81·9 | 141·9 | 78·0 | 0·906 | 68 | 227 | S S E | 20 | | Do. |
| 23 | 29·676 | 0·106 | 88·7 | 80·3 | 96·9 | 82·5 | 141·0 | 78·6 | 0·921 | 67 | 208 | South | 7 | ... | Clear. |
| 24 | 29·671 | 0·129 | 89·4 | 80·6 | 103·1 | 82·9 | 145·1 | 78·4 | 0·926 | 68 | 273 | South | 13 | ... | Fine. |
| 25 | 29·685 | 0·128 | 88·7 | 80·0 | 96·0 | 82·3 | 140·0 | 77·9 | 0·907 | 67 | 266 | S by E | 10 | ... | Do. |
| 26 | 29·732 | 0·106 | 87·9 | 81·3 | 95·2 | 82·4 | 144·0 | 78·8 | 0·981 | 74 | 259 | S E by S | 20 | ... | Fine with passing clouds. |
| 27 | 29·722 | 0·140 | 88·5 | 81·1 | 96·0 | 82·0 | 140·6 | 78·6 | 0·963 | 71 | 231 | S S E | 13 | ... | Fine. |
| 28 | 29·675 | 0·156 | 93·7 | 76·8 | 110·6 | 80·8 | 151·3 | 74·7 | 0·694 | 44 | 181 | SW by S | 13 | ... | Do. |
| 29 | 29·662 | 0·117 | 93·4 | 78·1 | 106·7 | 84·8 | 153·0 | 79·9 | 0·756 | 48 | 217 | South | 40 | ... | Hazy. |
| 30 | 29·665 | 0·105 | 92·6 | 79·9 | 106·4 | 86·7 | 149·2 | 81·6 | 0·850 | 56 | 301 | S S W | 70 | ... | Hazy : lg. S. W. |
| 31 | 29·653 | 0·088 | 92·0 | 78·3 | 106·9 | 85·5 | 148·0 | 81·9 | 0·785 | 52 | 316 | S S W | 67 | ... | Hazy |
| Mean | 29·706 | 0·128 | 89·5 | 79·2 | 100·3 | 82·6 | 144·1 | 78·5 | 0·862 | 62 | 250 | South | 21 | 0·08 | |

# Madras Meteorological Observations. 1866—June.

| June 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·693 | 0·070 | 90·4 | 77·3 | 106·0 | 84·2 | 147·8 | 79·7 | 0·761 | 53 | 257 | S by W | 83 | ... | Hazy. |
| 2 | 29·699 | 0·086 | 92·0 | 78·7 | 105·8 | 82·6 | 149·5 | 78·1 | 0·802 | 53 | 220 | S by E | 52 | ... | Do. |
| 3 | 29·727 | 0·101 | 91·7 | 78·2 | 109·0 | 83·7 | 152·7 | 79·7 | 0·784 | 52 | 282 | S by W | 47 | ... | Do. |
| 4 | 29·727 | 0·108 | 92·7 | 77·6 | 108·0 | 85·1 | 150·2 | 79·5 | 0·744 | 49 | 257 | South | 50 | ... | Do. |
| 5 | 29·724 | 0·129 | 92·2 | 77·1 | 107·0 | 85·0 | 151·5 | 80·8 | 0·728 | 48 | 285 | South | 20 | ... | Fine with light clouds : th. |
| 6 | 29·671 | 0·126 | 91·4 | 77·6 | 105·2 | 83·8 | 151·2 | 78·2 | 0·761 | 50 | 257 | South | 37 | ... | Hazy. |
| 7 | 29·661 | 0·100 | 91·1 | 77·7 | 104·3 | 83·7 | 146·8 | 78·9 | 0·769 | 52 | 274 | S by E | 17 | ... | Fine. |
| 8 | 29·705 | 0·093 | 90·4 | 78·2 | 104·9 | 83·8 | 148·0 | 80·7 | 0·801 | 56 | 289 | S by E | 13 | ... | Fine : lg. W. |
| 9 | 29·732 | 0·109 | 90·0 | 78·5 | 103·9 | 83·5 | 148·0 | 78·8 | 0·821 | 58 | 236 | South | 47 | ... | Passing clouds : th. : lg. W. |
| 10 | 29·703 | 0·129 | 90·1 | 77·6 | 101·9 | 81·3 | 144·7 | 77·6 | 0·779 | 55 | 226 | South | 23 | ... | Fine with p. cl. : lg. W. & N. W. |
| 11 | 29·764 | 0·099 | 89·3 | 76·1 | 104·8 | 83·9 | 149·0 | 79·7 | 0·723 | 52 | 251 | SW by W | 57 | 0·01 | Passing clouds : th. & lg. W. |
| 12 | 29·672 | 0·144 | 90·9 | 75·3 | 102·6 | 84·7 | 150·0 | 80·8 | 0·668 | 46 | 332 | W by S | 77 | ... | Cloudy. |
| 13 | 29·664 | 0·145 | 89·4 | 75·1 | 104·8 | 85·7 | 151·0 | 79·8 | 0·679 | 49 | 315 | W S W | 50 | 0·03 | Passing clouds : th. : lg. W. |
| 14 | 29·618 | 0·105 | 90·8 | 73·0 | 102·2 | 82·9 | 147·2 | 79·1 | 0·573 | 39 | 376 | West | 73 | ... | Cloudy. |
| 15 | 29·610 | 0·147 | 91·6 | 73·1 | 99·7 | 86·2 | 148·5 | 84·2 | 0·567 | 38 | 409 | West | 100 | 0·01 | Overcast. |
| 16 | 29·598 | 0·152 | 91·3 | 72·9 | 100·8 | 84·0 | 146·4 | 80·0 | 0·558 | 38 | 443 | West | 97 | 0·05 | Overcast : lg : S. W. |
| 17 | 29·635 | 0·121 | 87·8 | 77·4 | 101·1 | 84·6 | 144·0 | 81·4 | 0·800 | 61 | 270 | S W | 70 | 0·29 | Passing clouds. |
| 18 | 29·701 | 0·105 | 86·2 | 77·0 | 98·9 | 81·3 | 146·0 | 76·4 | 0·805 | 64 | 265 | S S W | 57 | 0·14 | Passing clouds : th. S. E. |
| 19 | 29·734 | 0·108 | 85·7 | 76·5 | 99·2 | 79·9 | 142·0 | 75·3 | 0·790 | 64 | 299 | SW by S | 47 | ... | Passing clouds. |
| 20 | 29·693 | 0·144 | 88·5 | 73·8 | 99·4 | 79·8 | 146·2 | 74·9 | 0·638 | 48 | 367 | W S W | 73 | ... | Cloudy. |
| 21 | 29·667 | 0·142 | 90·4 | 73·8 | 99·8 | 83·4 | 151·6 | 79·8 | 0·612 | 43 | 312 | W S W | 87 | ... | Do. |
| 22 | 29·709 | 0·092 | 90·1 | 74·0 | 97·8 | 84·4 | 147·2 | 80·8 | 0·624 | 44 | 344 | W S W | 93 | ... | Do. |
| 23 | 29·769 | 0·133 | 89·9 | 75·2 | 98·2 | 84·2 | 139·2 | 80·0 | 0·677 | 48 | 287 | SW by W | 83 | ... | Do. |
| 24 | 29·745 | 0·178 | 90·6 | 73·2 | 100·0 | 84·1 | 139·6 | 80·1 | 0·584 | 40 | 403 | West | 80 | ... | Do. |
| 25 | 29·681 | 0·175 | 91·6 | 73·8 | 102·2 | 83·3 | 149·5 | 80·0 | 0·595 | 41 | 391 | W by S | 52 | ... | Fine with passing clouds. |
| 26 | 29·691 | 0·134 | 90·8 | 75·9 | 103·3 | 82·9 | 150·6 | 78·6 | 0·694 | 48 | 316 | W by S | 37 | 0·03 | Do. do. |
| 27 | 29·725 | 0·099 | 88·8 | 75·7 | 102·0 | 83·7 | 152·8 | 78·7 | 0·713 | 53 | 283 | SW by S | 47 | ... | Fine with passing clouds : lg. S. |
| 28 | 29·762 | 0·099 | 88·7 | 75·7 | 101·5 | 83·5 | 149·0 | 80·4 | 0·714 | 53 | 276 | S S W | 80 | ... | Hazy. |
| 29 | 29·777 | 0·118 | 90·3 | 76·0 | 100·5 | 85·6 | 149·5 | 82·6 | 0·706 | 49 | 259 | South | 17 | ... | Fine. |
| 30 | 29·767 | 0·117 | 89·4 | 76·1 | 102·3 | 82·6 | 151·0 | 77·3 | 0·722 | 52 | 226 | S by E | 23 | ... | Fine with passing clouds. |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·698 | 0·120 | 90·1 | 75·9 | 102·6 | 83·6 | 148·0 | 79·4 | 0·706 | 50 | 300 | SW by S | 56 | 0·56 | |

# Madras Meteorological Observations. 1866—July.

| July 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·768 | 0·086 | 89·3 | 76·3 | 101·2 | 83·4 | 150·0 | 79·2 | 0·732 | 53 | 267 | South | 23 | ... | Fine : hazy. |
| 2 | 29·788 | 0·095 | 88·8 | 76·8 | 97·8 | 81·7 | 144·4 | 74·7 | 0·761 | 56 | 209 | S S E | 33 | ... | Fine with passing clouds. |
| 3 | 29·788 | 0·122 | 89·8 | 77·3 | 100·2 | 84·1 | 148·5 | 80·0 | 0·769 | 55 | 225 | S by E | 53 | ... | Hazy : lg. |
| 4 | 29·748 | 0·120 | 88·0 | 76·4 | 102·2 | 80·8 | 147·7 | 77·9 | 0·756 | 57 | 265 | S by W | 73 | ... | Cloudy. |
| 5 | 29·700 | 0·154 | 88·4 | 76·0 | 101·1 | 83·4 | 149·0 | 78·9 | 0·731 | 54 | 275 | S S W | 53 | ... | Hazy : lg. S. |
| 6 | 29·727 | 0·138 | 87·2 | 76·2 | 101·4 | 83·3 | 147·0 | 79·4 | 0·756 | 58 | 249 | S W by S | 70 | ... | Cloudy. |
| 7 | 29·720 | 0·146 | 88·2 | 76·6 | 98·1 | 82·0 | 143·4 | 78·9 | 0·761 | 57 | 310 | South | 32 | ... | Fine with passing clouds. |
| 8 | 29·689 | 0·142 | 89·4 | 76·5 | 97·2 | 82·7 | 143·8 | 79·7 | 0·739 | 53 | 315 | S by W | 28 | ... | Do. do. |
| 9 | 29·718 | 0·107 | 85·6 | 76·1 | 100·0 | 82·0 | 144·4 | 80·8 | 0·774 | 63 | 272 | S W | 73 | 0·17 | Cloudy. |
| 10 | 29·675 | 0·148 | 88·4 | 73·4 | 98·1 | 80·7 | 141·1 | 77·5 | 0·622 | 46 | 304 | West | 87 | ... | Do. |
| 11 | 29·632 | 0·148 | 89·4 | 73·3 | 96·8 | 83·9 | 144·2 | 80·8 | 0·604 | 44 | 313 | W by N | 93 | ... | Overcast. |
| 12 | 29·668 | 0·086 | 87·8 | 72·4 | 95·8 | 83·0 | 136·6 | 80·7 | 0·589 | 44 | 340 | W by N | 100 | ... | Do. |
| 13 | 29·712 | 0·134 | 89·6 | 75·2 | 102·1 | 84·3 | 142·0 | 81·9 | 0·681 | 48 | 262 | W S W | 77 | 0·01 | Cloudy. |
| 14 | 29·758 | 0·126 | 88·6 | 76·2 | 101·2 | 83·4 | 148·0 | 78·7 | 0·737 | 54 | 231 | S S W | 42 | ... | Morning fine : afternoon cloudy. |
| 15 | 29·740 | 0·129 | 87·2 | 77·8 | 98·6 | 81·7 | 146·2 | 77·5 | 0·827 | 64 | 218 | South | 47 | 0·07 | Hazy : lg. |
| 16 | 29·695 | 0·112 | 83·4 | 77·8 | 92·2 | 76·0 | 136·0 | 72·7 | 0·879 | 77 | 255 | South | 60 | 0·34 | Hazy : lg. W. |
| 17 | 29·708 | 0·145 | 84·6 | 77·9 | 91·8 | 78·9 | 131·2 | 76·2 | 0·865 | 73 | 210 | S by W | 80 | ... | Hazy. |
| 18 | 29·704 | 0·126 | 87·7 | 77·5 | 99·8 | 80·9 | 146·0 | 79·4 | 0·807 | 62 | 249 | S W | 50 | ... | Passing clouds. |
| 19 | 29·709 | 0·146 | 88·9 | 75·9 | 100·8 | 80·8 | 147·1 | 76·3 | 0·720 | 53 | 257 | W S W | 52 | ... | Do. |
| 20 | 29·692 | 0·134 | 87·3 | 75·8 | 100·1 | 80·7 | 148·7 | 76·4 | 0·738 | 57 | 311 | S W | 53 | ... | Hazy. |
| 21 | 29·677 | 0·136 | 86·0 | 76·5 | 99·9 | 83·7 | 145·1 | 81·0 | 0·786 | 63 | 285 | S W | 80 | 0·11 | Cloudy. |
| 22 | 29·676 | 0·119 | 86·2 | 75·9 | 96·5 | 81·0 | 143·0 | 78·2 | 0·757 | 60 | 210 | S W by W | 77 | ... | Do. |
| 23 | 29·708 | 0·166 | 88·5 | 75·9 | 100·5 | 83·3 | 147·4 | 80·6 | 0·726 | 54 | 234 | S W | 80 | ... | Do. |
| 24 | 29·714 | 0·143 | 89·2 | 76·8 | 100·0 | 84·0 | 148·8 | 80·5 | 0·755 | 55 | 225 | S W by W | 60 | ... | Passing clouds. |
| 25 | 29·708 | 0·160 | 85·0 | 77·3 | 94·0 | 80·0 | 117·1 | 77·3 | 0·834 | 69 | 203 | S W by S | 97 | 0·30 | Overcast : rain. |
| 26 | 29·709 | 0·113 | 82·8 | 75·4 | 92·2 | 76·8 | 103·2 | 74·0 | 0·781 | 69 | 165 | S W by S | 100 | 0·09 | Do. do. |
| 27 | 29·741 | 0·111 | 84·8 | 74·7 | 94·7 | 78·4 | 126·8 | 78·5 | 0·725 | 61 | 187 | West | 97 | 0·33 | Do. do. |
| 28 | 29·774 | 0·096 | 83·7 | 74·5 | 91·9 | 78·8 | 136·8 | 78·4 | 0·731 | 63 | 235 | W S W | 100 | ... | Overcast. |
| 29 | 29·777 | 0·130 | 84·3 | 74·6 | 92·3 | 77·7 | 132·2 | 73·6 | 0·727 | 62 | 220 | W by S | 100 | 0·02 | Do. |
| 30 | 29·758 | 0·125 | 81·8 | 73·4 | 88·0 | 79·7 | 125·5 | 77·4 | 0·711 | 65 | 260 | W by N | 100 | 0·03 | Do. |
| 31 | 29·722 | 0·106 | 82·7 | 74·2 | 88·5 | 77·3 | 122·0 | 73·8 | 0·732 | 65 | 169 | W by N | 100 | ... | Do. |
| Mean | 29·719 | 0·127 | 86·9 | 75·8 | 97·3 | 81·2 | 139·8 | 78·1 | 0·746 | 59 | 249 | S W | 70 | 1·47 | |

# Madras Meteorological Observations. 1866—August.

| August 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·714 | 0·093 | 81·7 | 73·0 | 88·5 | 77·7 | 123·4 | 74·5 | 0·696 | 64 | 213 | N W by W | 100 | ... | Overcast. |
| 2 | 29·678 | 0·133 | 85·6 | 73·8 | 96·2 | 78·9 | 138·0 | 76·5 | 0·676 | 55 | 246 | W S W | 97 | 0·02 | Do. |
| 3 | 29·737 | 0·131 | 86·1 | 75·8 | 97·3 | 81·1 | 147·0 | 78·0 | 0·754 | 60 | 256 | S by W | 83 | ... | Cloudy. |
| 4 | 29·814 | 0·087 | 86·0 | 75·7 | 97·4 | 79·0 | 143·8 | 74·1 | 0·751 | 60 | 186 | South | 50 | ... | Hazy. |
| 5 | 29·869 | 0·103 | 86·8 | 78·2 | 96·0 | 81·5 | 142·1 | 76·4 | 0·850 | 67 | 196 | SW by S | 83 | 0·25 | Cloudy : rain : lg. S. |
| 6 | 29·883 | 0·112 | 81·6 | 74·9 | 86·3 | 77·0 | 105·0 | 75·2 | 0·777 | 72 | 161 | S W | 100 | ... | Overcast : lg. W. and S. W. |
| 7 | 29·862 | 0·124 | 84·3 | 75·0 | 91·6 | 77·9 | 134·3 | 75·6 | 0·744 | 63 | 178 | W S W | 90 | ... | Overcast. |
| 8 | 29·775 | 0·171 | 84·7 | 75·1 | 97·3 | 77·1 | 143·5 | 76·1 | 0·743 | 62 | 219 | S S W | 50 | ... | Passing clouds. |
| 9 | 29·721 | 0·139 | 86·5 | 74·7 | 99·8 | 76·7 | 144·4 | 77·1 | 0·702 | 56 | 287 | S W | 33 | ... | Fine with light clouds. |
| 10 | 29·724 | 0·145 | 86·1 | 75·0 | 100·1 | 81·3 | 147·0 | 79·1 | 0·720 | 58 | 329 | SW by S | 47 | 0·45 | Passing clouds : rain. |
| 11 | 29·703 | 0·159 | 85·5 | 75·6 | 95·9 | 79·0 | 146·0 | 76·5 | 0·754 | 61 | 246 | S by W | 40 | ... | Passing clouds. |
| 12 | 29·690 | 0·138 | 88·1 | 74·9 | 98·9 | 81·2 | 150·8 | 78·5 | 0·688 | 52 | 296 | W by S | 60 | 0·02 | Do. |
| 13 | 29·683 | 0·127 | 87·8 | 77·0 | 96·1 | 82·5 | 144·0 | 75·6 | 0·783 | 59 | 294 | SW by W | 93 | 0·02 | Overcast: lg. S. E. |
| 14 | 29·720 | 0·111 | 85·8 | 75·9 | 98·2 | 80·4 | 145·2 | 76·5 | 0·763 | 61 | 259 | S W by S | 77 | 0·09 | Cloudy : lg. S. E. |
| 15 | 29·777 | 0·127 | 85·3 | 76·7 | 98·4 | 78·6 | 146·5 | 77·0 | 0·804 | 66 | 225 | S S W | 58 | 0·04 | Passing clouds : lg. S. |
| 16 | 29·773 | 0·135 | 86·6 | 77·1 | 96·0 | 80·0 | 150·8 | 77·5 | 0·804 | 63 | 203 | S by W | 37 | ... | Passing clouds. |
| 17 | 29·782 | 0·117 | 86·9 | 77·5 | 95·6 | 80·7 | 150·2 | 78·5 | 0·818 | 64 | 198 | S by E | 33 | ... | Fine with passing clouds : lg. W. |
| 18 | 29·799 | 0·164 | 85·0 | 75·9 | 93·6 | 77·6 | 150·0 | 75·5 | 0·773 | 64 | 182 | South | 50 | ... | Passing clouds. |
| 19 | 29·771 | 0·159 | 84·6 | 75·4 | 95·2 | 75·3 | 138·9 | 74·6 | 0·757 | 63 | 165 | W S W | 60 | 0·06 | Do. |
| 20 | 29·734 | 0·176 | 86·5 | 75·9 | 96·6 | 80·6 | 143·0 | 76·6 | 0·751 | 60 | 141 | SW by W | 57 | ... | Do. |
| 21 | 29·724 | 0·144 | 84·1 | 77·0 | 94·5 | 78·5 | 144·0 | 76·2 | 0·833 | 72 | 169 | S S W | 67 | 0·10 | Passing clouds : lg. N. W. |
| 22 | 29·742 | 0·141 | 81·0 | 75·8 | 90·0 | 74·0 | 135·5 | 72·6 | 0·822 | 78 | 198 | W S W | 77 | 0·82 | Cloudy. |
| 23 | 29·733 | 0·135 | 80·4 | 76·5 | 88·9 | 72·2 | 138·2 | 70·7 | 0·861 | 83 | 139 | S W | 70 | 1·06 | Hazy. |
| 24 | 29·697 | 0·141 | 81·1 | 77·2 | 88·4 | 77·0 | 125·0 | 74·2 | 0·882 | 83 | 126 | S by W | 100 | 0·31 | Overcast : lg. S. |
| 25 | 29·692 | 0·137 | 80·4 | 75·9 | 87·1 | 74·6 | 121·0 | 72·8 | 0·835 | 80 | 163 | SW by W | 97 | 0·42 | Overcast : th. and lg. S. W. |
| 26 | 29·746 | 0·121 | 82·0 | 76·3 | 90·2 | 75·6 | 135·0 | 72·9 | 0·831 | 76 | 196 | SW by W | 83 | 0·27 | Cloudy. |
| 27 | 29·748 | 0·141 | 82·7 | 75·9 | 93·9 | 77·5 | 140·0 | 75·0 | 0·804 | 72 | 233 | S W | 63 | ... | Passing clouds : th. and lg. S. W. |
| 28 | 29·703 | 0·110 | 83·5 | 76·8 | 91·9 | 76·8 | 139·0 | 72·9 | 0·832 | 73 | 186 | S W by S | 63 | 0·05 | Passing clouds. |
| 29 | 29·757 | 0·101 | 85·2 | 77·1 | 94·0 | 79·7 | 136·8 | 77·1 | 0·823 | 68 | 179 | S S W | 47 | ... | Do. |
| 30 | 29·818 | 0·101 | 84·9 | 77·9 | 91·5 | 79·5 | 141·0 | 76·1 | 0·863 | 72 | 139 | S by E | 43 | 0·19 | Passing clouds : lg. |
| 31 | 29·826 | 0·129 | 84·4 | 77·9 | 91·8 | 78·8 | 150·8 | 75·4 | 0·869 | 74 | 133 | S S W | 63 | ... | Do. |
| Mean | 29·755 | 0·131 | 84·6 | 76·0 | 94·1 | 78·3 | 140·0 | 75·7 | 0·786 | 66 | 205 | S W by S | 67 | 4·17 | |

# Madras Meteorological Observations, 1866—September.

| September 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·810 | 0·100 | 81·9 | 75·0 | 84·0 | 79·1 | 113·3 | 76·7 | 0·776 | 71 | 157 | W by N | 93 | ... | Overcast: lg. S. W. |
| 2 | 29·803 | 0·119 | 79·8 | 75·0 | 84·1 | 76·8 | 100·0 | 73·8 | 0·805 | 79 | 132 | W S W | 100 | 0·11 | Overcast. |
| 3 | 29·769 | 0·086 | 80·7 | 74·2 | 84·7 | 77·8 | 108·2 | 74·7 | 0·759 | 72 | 204 | West | 100 | ... | Do. |
| 4 | 29·726 | 0·114 | 82·5 | 74·6 | 91·2 | 78·0 | 128·4 | 76·0 | 0·751 | 67 | 241 | W by S | 100 | 0·58 | Overcast with rain. |
| 5 | 29·763 | 0·139 | 83·2 | 75·7 | 89·8 | 76·8 | 130·0 | 74·8 | 0·789 | 69 | 180 | W by N | 97 | ... | Do. |
| 6 | 29·803 | 0·155 | 84·9 | 76·4 | 94·1 | 78·3 | 138·0 | 74·2 | 0·796 | 66 | 196 | S W by W | 67 | ... | Passing clouds. |
| 7 | 29·792 | 0·150 | 85·5 | 78·2 | 95·2 | 78·7 | 140·0 | 76·5 | 0·866 | 71 | 243 | S S W | 53 | ... | Do. |
| 8 | 29·755 | 0·144 | 87·3 | 75·2 | 94·9 | 80·8 | 139·0 | 75·1 | 0·712 | 55 | 236 | S W by W | 40 | ... | Fine with passing clouds. |
| 9 | 29·740 | 0·100 | 85·9 | 76·4 | 94·3 | 79·7 | 142·0 | 75·3 | 0·783 | 63 | 147 | S by E | 43 | ... | Hazy. |
| 10 | 29·758 | 0·133 | 85·8 | 76·2 | 95·4 | 80·5 | 140·0 | 75·4 | 0·776 | 63 | 208 | S by W | 43 | ... | Do. |
| 11 | 29·783 | 0·126 | 85·5 | 76·5 | 95·2 | 79·0 | 143·0 | 74·9 | 0·792 | 65 | 189 | S S W | 63 | 0·10 | Passing clouds. |
| 12 | 29·727 | 0·162 | 85·2 | 76·7 | 94·3 | 76·6 | 138·0 | 75·1 | 0·805 | 66 | 283 | W S W | 37 | 0·05 | Fine with passing clouds: lg. S. W. |
| 13 | 29·739 | 0·112 | 84·8 | 78·2 | 95·3 | 80·7 | 142·0 | 77·1 | 0·877 | 74 | 165 | S by W | 57 | 0·64 | Passing clouds: rain. |
| 14 | 29·754 | 0·119 | 84·3 | 75·5 | 93·4 | 76·9 | 136·8 | 74·2 | 0·766 | 65 | 193 | S W | 70 | ... | Cloudy. |
| 15 | 29·739 | 0·117 | 86·6 | 75·1 | 94·9 | 79·7 | 142·2 | 75·2 | 0·717 | 57 | 232 | S W | 53 | ... | Passing clouds. |
| 16 | 29·752 | 0·141 | 86·8 | 74·4 | 94·4 | 79·8 | 139·8 | 75·5 | 0·684 | 53 | 241 | W by S | 63 | ... | Hazy. |
| 17 | 29·724 | 0·131 | 85·5 | 75·1 | 94·2 | 80·4 | 143·7 | 74·5 | 0·732 | 59 | 182 | S S W | 70 | ... | Do. |
| 18 | 29·738 | 0·138 | 85·8 | 77·3 | 96·4 | 80·3 | 144·8 | 75·0 | 0·823 | 66 | 170 | S W by S | 57 | ... | Passing clouds. |
| 19 | 29·780 | 0·138 | 85·8 | 79·0 | 96·2 | 80·6 | 144·2 | 77·2 | 0·900 | 73 | 174 | South | 37 | ... | Hazy. |
| 20 | 29·793 | 0·130 | 86·0 | 78·8 | 95·2 | 81·1 | 145·5 | 77·1 | 0·889 | 71 | 196 | South | 53 | ... | Passing clouds. |
| 21 | 29·795 | 0·138 | 80·6 | 76·6 | 88·9 | 74·1 | 120·0 | 70·0 | 0·863 | 83 | 119 | West | 90 | 0·84 | Cloudy: rain. |
| 22 | 29·793 | 0·121 | 84·2 | 77·9 | 92·0 | 78·2 | 136·0 | 75·0 | 0·872 | 74 | 172 | S W by S | 33 | ... | Fine with passing clouds. |
| 23 | 29·847 | 0·128 | 84·8 | 77·6 | 91·9 | 79·2 | 137·5 | 76·4 | 0·851 | 71 | 163 | S by E | 17 | ... | Fine. |
| 24 | 29·850 | 0·140 | 84·4 | 77·4 | 92·2 | 79·5 | 139·2 | 75·7 | 0·847 | 72 | 131 | S by E | 37 | ... | Passing clouds. |
| 25 | 29·802 | 0·157 | 84·1 | 76·9 | 94·7 | 78·3 | 142·3 | 72·5 | 0·831 | 71 | 147 | South | 53 | ... | Hazy. |
| 26 | 29·788 | 0·112 | 84·3 | 76·1 | 92·0 | 77·6 | 140·1 | 73·7 | 0·791 | 67 | 148 | S by E | 20 | ... | Fine. |
| 27 | 29·805 | 0·138 | 84·6 | 76·9 | 93·3 | 77·4 | 145·5 | 71·7 | 0·822 | 69 | 127 | S S W | 50 | ... | Hazy: lg. S. W. |
| 28 | 29·776 | 0·109 | 85·6 | 77·6 | 92·5 | 79·9 | 142·0 | 75·3 | 0·840 | 68 | 116 | S S E | 35 | ... | Fine with passing clouds: lg. S. W. |
| 29 | 29·754 | 0·149 | 85·0 | 78·4 | 95·1 | 80·2 | 141·4 | 74·0 | 0·884 | 74 | 123 | S W by S | 53 | 0·15 | Passing clouds: lg. S. W. |
| 30 | 29·739 | 0·125 | 85·4 | 76·9 | 93·8 | 80·0 | 136·2 | 75·3 | 0·811 | 66 | 186 | S by E | 70 | ... | Cloudy: lg. S. W. |
| Mean | 29·773 | 0·129 | 84·6 | 76·5 | 92·8 | 78·9 | 136·0 | 74·9 | 0·807 | 68 | 180 | S W by S | 58 | 2·47 | |

# Madras Meteorological Observations. 1866—October.

| October 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·688 | 0·108 | 79·8 | 74·5 | 86·6 | 73·0 | 138·0 | 71·5 | 0·784 | 78 | 155 | W by S | 73 | 1·03 | Cloudy: rain. |
| 2 | 29·716 | 0·090 | 82·6 | 77·3 | 88·9 | 77·2 | 139·8 | 73·5 | 0·867 | 78 | 180 | South | 60 | ... | Passing clouds: lg. N. W. |
| 3 | 29·818 | 0·113 | 81·8 | 77·4 | 88·2 | 76·2 | 139·7 | 73·2 | 0·881 | 81 | 126 | S S E | 83 | 0·61 | Cloudy: rain. |
| 4 | 29·855 | 0·107 | 78·0 | 75·5 | 80·7 | 75·8 | 98·8 | 74·1 | 0·851 | 89 | 49 | W N W | 97 | 0·92 | Overcast: rain. |
| 5 | 29·829 | 0·127 | 79·8 | 76·4 | 86·1 | 75·9 | 139·6 | 72·3 | 0·865 | 85 | 70 | N E | 73 | ... | Cloudy: th. and lg. W. |
| 6 | 29·825 | 0·164 | 82·0 | 77·9 | 87·2 | 76·6 | 138·0 | 72·2 | 0·902 | 83 | 84 | S S W | 53 | 0·29 | Passing clouds: lg. W. |
| 7 | 29·821 | 0·131 | 80·4 | 77·1 | 89·1 | 72·8 | 134·5 | 71·1 | 0·888 | 86 | 140 | S S W | 47 | 0·71 | Passing clouds: th.: rain. |
| 8 | 29·845 | 0·113 | 82·0 | 77·4 | 88·4 | 77·2 | 138·0 | 74·9 | 0·879 | 81 | 133 | S by E | 27 | 0·02 | Fine with p. cl.: th. and lg. N. W. |
| 9 | 29·859 | 0·144 | 82·5 | 78·1 | 89·0 | 78·0 | 141·8 | 74·1 | 0·903 | 81 | 126 | S by E | 63 | ... | Cloudy. |
| 10 | 29·798 | 0·152 | 83·2 | 77·7 | 89·1 | 77·8 | 140·4 | 75·1 | 0·877 | 77 | 130 | S by E | 37 | ... | Fine with passing clouds: lg. |
| 11 | 29·815 | 0·105 | 82·2 | 76·5 | 87·2 | 75·3 | 136·6 | 70·4 | 0·837 | 76 | 106 | S by W | 20 | ... | Passing clouds: lg. S. W. |
| 12 | 29·869 | 0·121 | 83·1 | 77·7 | 88·0 | 78·1 | 140·0 | 73·1 | 0·878 | 77 | 91 | S E | 23 | ... | Passing clouds: lg. W. and S. W. |
| 13 | 29·888 | 0·116 | 82·0 | 77·0 | 87·7 | 77·3 | 132·0 | 71·5 | 0·862 | 79 | 67 | East | 77 | ... | Cloudy: lg. S. W. |
| 14 | 29·866 | 0·126 | 80·7 | 76·9 | 85·7 | 75·9 | 147·1 | 73·3 | 0·875 | 84 | 80 | East | 42 | 1·66 | Fine with passing clouds: rain: lg. W. |
| 15 | 29·833 | 0·139 | 80·9 | 77·3 | 85·5 | 77·0 | 135·6 | 74·2 | 0·890 | 85 | 77 | S E by E | 73 | 0·95 | Cloudy: rain: lg. S. W. |
| 16 | 29·842 | 0·109 | 81·1 | 76·3 | 86·7 | 77·2 | 140·2 | 72·5 | 0·843 | 79 | 96 | E by S | 60 | 0·24 | Passing clouds: lg. W. and S. W. |
| 17 | 29·862 | 0·114 | 80·8 | 76·9 | 86·0 | 76·4 | 143·5 | 73·4 | 0·873 | 83 | 109 | N E by N | 60 | 0·81 | Passing clouds: rain: lg. W. |
| 18 | 29·892 | 0·119 | 79·5 | 75·8 | 82·7 | 75·1 | 134·0 | 72·5 | 0·844 | 84 | 99 | N by W | 93 | 0·76 | Cloudy: rain. |
| 19 | 29·875 | 0·137 | 78·4 | 75·3 | 84·5 | 75·8 | 138·0 | 72·4 | 0·837 | 86 | 114 | N by E | 97 | ... | Overcast. |
| 20 | 29·866 | 0·117 | 77·4 | 74·9 | 80·1 | 75·6 | 95·5 | 73·0 | 0·833 | 89 | 69 | N N W | 100 | 0·06 | Do. |
| 21 | 29·796 | 0·130 | 80·1 | 76·6 | 86·5 | 75·9 | 122·4 | 72·4 | 0·870 | 85 | 65 | N W by N | 97 | ... | Do. |
| 22 | 29·734 | 0·096 | 80·8 | 75·6 | 88·0 | 76·6 | 126·8 | 73·4 | 0·816 | 78 | 80 | N by W | 87 | 0·03 | Cloudy: th. and lg. S. W. |
| 23 | 29·677 | 0·132 | 79·6 | 76·0 | 87·6 | 74·2 | 138·0 | 71·3 | 0·851 | 85 | 92 | S W by S | 90 | 0·47 | Cloudy: rain: th. and lg. W. |
| 24 | 29·692 | 0·084 | 80·6 | 75·6 | 86·8 | 76·5 | 135·2 | 76·2 | 0·819 | 78 | 98 | N W by W | 70 | ... | Cloudy. |
| 25 | 29·756 | 0·105 | 82·2 | 76·7 | 90·2 | 76·1 | 139·8 | 70·7 | 0·816 | 77 | 89 | North | 47 | ... | Hazy. |
| 26 | 29·879 | 0·077 | 80·7 | 75·1 | 88·5 | 77·1 | 138·8 | 72·8 | 0·797 | 76 | 89 | S E | 77 | 0·06 | Cloudy. |
| 27 | 29·918 | 0·096 | 80·6 | 74·6 | 88·2 | 75·5 | 140·2 | 70·4 | 0·777 | 74 | 70 | E by S | 43 | ... | Passing clouds. |
| 28 | 29·930 | 0·103 | 80·1 | 75·0 | 84·0 | 74·5 | 138·5 | 70·0 | 0·801 | 78 | 166 | N E by N | 30 | ... | Fine with passing clouds. |
| 29 | 29·928 | 0·089 | 80·0 | 74·2 | 84·6 | 76·4 | 136·0 | 72·6 | 0·769 | 75 | 189 | N E by N | 53 | 0·08 | Passing clouds. |
| 30 | 29·927 | 0·123 | 80·5 | 73·0 | 84·6 | 76·0 | 140·6 | 70·5 | 0·712 | 68 | 186 | N E by N | 53 | ... | Do. |
| 31 | 29·908 | 0·131 | 78·5 | 71·5 | 84·0 | 73·2 | 135·3 | 68·3 | 0·679 | 70 | 136 | N N E | 23 | ... | Fine. |
| Mean | 29·832 | 0·117 | 80·7 | 76·1 | 86·5 | 76·0 | 134·9 | 72·5 | 0·839 | 80 | 108 | E by S | 62 | 8·70 | |

# Madras Meteorological Observations. 1866—November.

| November 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·914 | 0·097 | 77·7 | 69·9 | 84·6 | 71·8 | 135·0 | 67·0 | 0·628 | 66 | 168 | N N E | 25 | ... | Hazy. |
| 2 | 29·928 | 0·102 | 77·8 | 70·6 | 84·3 | 71·7 | 133·5 | 64·1 | 0·653 | 69 | 181 | N by E | 60 | ... | Passing clouds. |
| 3 | 29·951 | 0·092 | 77·5 | 70·8 | 84·7 | 72·7 | 139·8 | 67·9 | 0·665 | 71 | 149 | N E by N | 37 | ... | Hazy. |
| 4 | 29·973 | 0·108 | 79·1 | 74·2 | 85·9 | 71·8 | 140·5 | 65·6 | 0·781 | 78 | 154 | N E by N | 30 | ... | Fine with passing clouds : lg. W. |
| 5 | 29·951 | 0·117 | 80·4 | 75·5 | 86·2 | 75·8 | 139·7 | 69·8 | 0·817 | 78 | 162 | N N E | 33 | ... | Fine with passing clouds. |
| 6 | 29·917 | 0·117 | 80·2 | 74·7 | 85·7 | 75·6 | 135·5 | 73·6 | 0·787 | 76 | 161 | N E by N | 30 | ... | Do. |
| 7 | 29·901 | 0·128 | 80·6 | 75·1 | 86·8 | 75·2 | 139·1 | 70·3 | 0·798 | 76 | 165 | N E by N | 33 | ... | Do. |
| 8 | 29·888 | 0·119 | 80·3 | 74·2 | 86·2 | 75·0 | 138·5 | 70·0 | 0·765 | 74 | 174 | N E by N | 10 | ... | Fine. |
| 9 | 29·895 | 0·111 | 79·7 | 73·1 | 86·0 | 72·3 | 134·0 | 67·3 | 0·728 | 72 | 164 | N E by N | 3 | ... | Clear. |
| 10 | 29·896 | 0·107 | 79·2 | 73·1 | 84·5 | 72·9 | 133·8 | 67·4 | 0·734 | 74 | 137 | N E | 23 | ... | Fine with passing clouds. |
| 11 | 29·915 | 0·102 | 75·8 | 72·3 | 83·6 | 73·5 | 117·2 | 66·4 | 0·747 | 84 | 88 | N E | 80 | 0·53 | Cloudy : rain |
| 12 | 29·965 | 0·095 | 79·2 | 72·7 | 84·1 | 73·3 | 136·6 | 68·0 | 0·718 | 72 | 130 | N E by E | 38 | ... | Fine with passing clouds. |
| 13 | 29·974 | 0·118 | 79·1 | 72·9 | 84·3 | 72·7 | 143·6 | 67·9 | 0·726 | 73 | 205 | N E by N | 53 | ... | Passing clouds. |
| 14 | 29·936 | 0·109 | 78·7 | 71·8 | 84·7 | 73·4 | 136·4 | 69·5 | 0·688 | 70 | 229 | N N E | 40 | ... | Do. |
| 15 | 29·942 | 0·089 | 75·9 | 73·5 | 81·3 | 73·5 | 110·0 | 72·0 | 0·795 | 89 | 215 | N E by N | 90 | 2·80 | Cloudy : rain |
| 16 | 30·032 | 0·097 | 73·5 | 72·2 | 74·6 | 73·0 | 87·2 | 70·6 | 0·774 | 94 | 178 | N E by E | 100 | 4·31 | Overcast : rain. |
| 17 | 30·024 | 0·120 | 77·4 | 73·4 | 80·0 | 72·8 | 128·4 | 69·8 | 0·770 | 82 | 186 | N N E | 90 | 0·19 | Cloudy. |
| 18 | 29·988 | 0·130 | 77·3 | 73·4 | 82·0 | 72·8 | 132·0 | 68·2 | 0·771 | 82 | 164 | N by E | 50 | ... | Passing clouds. |
| 19 | 29·991 | 0·112 | 77·5 | 74·2 | 82·8 | 73·5 | 135·0 | 70·3 | 0·803 | 85 | 133 | N N E | 60 | 0·05 | Do. |
| 20 | 29·988 | 0·116 | 77·5 | 73·4 | 82·4 | 73·6 | 139·2 | 71·1 | 0·769 | 82 | 152 | N E by N | 63 | 0·46 | Passing clouds : rain. |
| 21 | 29·973 | 0·124 | 77·2 | 73·3 | 80·1 | 73·7 | 122·6 | 69·2 | 0·768 | 82 | 130 | N N E | 87 | 1·29 | Cloudy : rain. |
| 22 | 29·968 | 0·112 | 76·2 | 72·3 | 80·4 | 73·0 | 135·0 | 69·0 | 0·741 | 82 | 172 | N E by N | 57 | ... | Passing clouds. |
| 23 | 29·946 | 0·102 | 76·9 | 72·4 | 81·2 | 73·7 | 131·2 | 70·4 | 0·737 | 79 | 186 | N E by E | 77 | 0·56 | Cloudy : rain. |
| 24 | 29·968 | 0·102 | 72·6 | 71·0 | 76·0 | 71·4 | 95·2 | 69·2 | 0·739 | 92 | 144 | N by E | 100 | 1·58 | Overcast : rain. |
| 25 | 29·987 | 0·141 | 74·1 | 70·3 | 77·6 | 71·0 | 108·0 | 69·0 | 0·690 | 82 | 155 | N by E | 97 | 0·16 | Do. |
| 26 | 29·951 | 0·110 | 73·0 | 65·3 | 80·1 | 67·9 | 126·9 | 59·8 | 0·523 | 64 | 157 | N N E | 2 | ... | Clear. |
| 27 | 29·935 | 0·102 | 71·1 | 63·5 | 79·8 | 63·2 | 126·2 | 55·0 | 0·486 | 64 | 123 | N by E | 20 | ... | Fine with passing clouds. |
| 28 | 29·947 | 0·096 | 73·1 | 66·0 | 79·9 | 66·3 | 129·9 | 56·8 | 0·546 | 67 | 199 | N N E | 53 | ... | Passing clouds. |
| 29 | 29·966 | 0·104 | 74·5 | 69·0 | 79·9 | 70·4 | 128·2 | 64·9 | 0·636 | 74 | 228 | North | 93 | ... | Overcast. |
| 30 | 29·950 | 0·098 | 76·6 | 72·2 | 80·1 | 71·9 | 127·4 | 68·1 | 0·732 | 79 | 215 | N by E | 87 | ... | Cloudy. |
| Mean | 29·952 | 0·109 | 77·0 | 71·9 | 82·3 | 72·3 | 128·9 | 67·6 | 0·717 | 77 | 167 | N N E | 54 | 11·93 | |

# Madras Meteorological Observations. 1866—December.

| December 1866 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·941 | 0·098 | 75·8 | 70·1 | 80·7 | 73·6 | 124·8 | 69·5 | 0·661 | 74 | 292 | N N E | 97 | 0·14 | Overcast. |
| 2 | 29·906 | 0·083 | 69·9 | 68·6 | 72·6 | 68·4 | 78·0 | 69·2 | 0·683 | 93 | 244 | N N W | 100 | 2·16 | Overcast: rain. |
| 3 | 29·891 | 0·089 | 73·6 | 72·7 | 76·5 | 70·3 | 81·2 | 70·0 | 0·793 | 96 | 274 | N N E | 100 | 4·97 | Do. do. |
| 4 | 29·883 | 0·091 | 76·1 | 74·2 | 80·2 | 73·8 | 135·0 | 71·6 | 0·821 | 91 | 256 | N E by E | 98 | 2·13 | Do. do. |
| 5 | 29·922 | 0·137 | 74·8 | 73·6 | 75·9 | 73·0 | 92·2 | 71·5 | 0·814 | 94 | 153 | N E by E | 98 | 7·99 | Do. do. |
| 6 | 29·889 | 0·122 | 76·4 | 74·3 | 81·2 | 72·8 | 132·5 | 71·6 | 0·822 | 90 | 133 | N E | 77 | 0·33 | Cloudy: rain. |
| 7 | 29·962 | 0·124 | 76·7 | 74·0 | 81·3 | 72·7 | 142·0 | 72·4 | 0·805 | 87 | 125 | E by N | 67 | 0·23 | Do. do. |
| 8 | 30·004 | 0·113 | 76·9 | 72·8 | 80·9 | 73·0 | 132·0 | 69·3 | 0·753 | 82 | 232 | N E by N | 53 | 1·46 | Do. do. |
| 9 | 30·023 | 0·103 | 75·1 | 67·7 | 78·9 | 72·5 | 128·3 | 66·7 | 0·580 | 66 | 225 | N E by N | 37 | ... | Fine with passing clouds. |
| 10 | 30·044 | 0·109 | 73·6 | 68·1 | 77·5 | 69·1 | 121·0 | 63·2 | 0·615 | 74 | 227 | North | 60 | ... | Passing clouds. |
| 11 | 30·050 | 0·093 | 73·1 | 70·2 | 77·8 | 69·6 | 111·9 | 65·5 | 0·701 | 86 | 240 | North | 87 | 0·20 | Cloudy. |
| 12 | 30·021 | 0·120 | 74·4 | 72·8 | 80·4 | 72·9 | 118·6 | 71·0 | 0·787 | 93 | 171 | N N E | 90 | 0·21 | Do. |
| 13 | 29·990 | 0·108 | 74·4 | 72·1 | 77·2 | 73·3 | 106·2 | 71·0 | 0·758 | 89 | 166 | N N E | 90 | 0·39 | Cloudy: rain. |
| 14 | 29·981 | 0·109 | 75·1 | 70·9 | 79·9 | 71·6 | 128·2 | 69·7 | 0·701 | 80 | 164 | N by E | 97 | 0·33 | Overcast: rain. |
| 15 | 30·035 | 0·104 | 77·2 | 71·3 | 80·6 | 73·9 | 133·4 | 71·4 | 0·688 | 73 | 191 | N E by N | 87 | ... | Cloudy. |
| 16 | 30·084 | 0·085 | 76·7 | 70·9 | 80·6 | 73·1 | 136·3 | 68·5 | 0·681 | 74 | 212 | N E by N | 90 | ... | Do. |
| 17 | 30·083 | 0·120 | 75·0 | 69·4 | 80·3 | 71·9 | 132·8 | 68·3 | 0·645 | 74 | 209 | N E by E | 33 | ... | Passing clouds. |
| 18 | 30·079 | 0·133 | 74·9 | 69·4 | 80·1 | 69·3 | 136·9 | 64·0 | 0·646 | 74 | 121 | E N E | 27 | ... | Fine with passing clouds. |
| 19 | 30·078 | 0·113 | 74·7 | 69·5 | 79·4 | 68·1 | 129·7 | 60·8 | 0·653 | 76 | 153 | N E by E | 43 | 0·05 | Passing clouds. |
| 20 | 30·072 | 0·120 | 76·8 | 71·2 | 81·0 | 73·6 | 135·2 | 68·3 | 0·690 | 75 | 252 | N E | 53 | 0·27 | Do. |
| 21 | 30·084 | 0·093 | 75·8 | 70·7 | 78·4 | 72·8 | 102·0 | 71·5 | 0·685 | 77 | 266 | E by N | 95 | 0·57 | Overcast: rain. |
| 22 | 30·087 | 0·114 | 75·4 | 68·0 | 79·4 | 72·5 | 129·6 | 67·2 | 0·587 | 66 | 276 | N E | 25 | ... | Fine with passing clouds. |
| 23 | 30·084 | 0·116 | 74·4 | 67·5 | 79·6 | 67·2 | 128·2 | 58·9 | 0·587 | 68 | 222 | N E by N | 27 | ... | Do. |
| 24 | 30·097 | 0·097 | 75·1 | 68·4 | 79·8 | 70·3 | 131·3 | 69·4 | 0·605 | 69 | 338 | N E | 50 | 0·29 | Passing clouds. |
| 25 | 30·090 | 0·097 | 75·2 | 66·9 | 79·5 | 71·5 | 130·1 | 67·3 | 0·550 | 62 | 308 | N E | 28 | 0·08 | Fine with passing clouds. |
| 26 | 30·059 | 0·129 | 74·2 | 66·9 | 78·4 | 69·7 | 130·4 | 62·7 | 0·563 | 66 | 239 | N N E | 23 | ... | Do. |
| 27 | 30·013 | 0·105 | 72·2 | 65·5 | 77·8 | 67·1 | 133·2 | 62·1 | 0·540 | 68 | 204 | N by E | 27 | ... | Do. |
| 28 | 30·000 | 0·121 | 72·4 | 65·6 | 78·4 | 67·2 | 127·8 | 59·7 | 0·541 | 68 | 165 | N by E | 18 | ... | Do. |
| 29 | 29·977 | 0·122 | 72·8 | 68·2 | 80·2 | 67·6 | 130·7 | 59·1 | 0·630 | 78 | 168 | N N E | 57 | ... | Passing clouds. |
| 30 | 29·935 | 0·100 | 75·2 | 70·0 | 79·4 | 71·9 | 114·1 | 66·7 | 0·665 | 76 | 148 | N E | 88 | ... | Cloudy. |
| 31 | 29·960 | 0·107 | 74·6 | 69·6 | 80·7 | 68·5 | 138·6 | 65·5 | 0·658 | 77 | 164 | N E by E | 23 | ... | Fine with passing clouds. |
| Mean | 30·010 | 0·109 | 74·8 | 70·0 | 79·2 | 71·1 | 123·6 | 67·2 | 0·674 | 78 | 211 | N E by N | 63 | 21·80 | |

## Madras Mean Monthly and Annual Meteorological Results in 1866.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·028 | 0·124 | 74·7 | 81·4 | 68·1 | 13·2 | 68·5 | 65·3 | 0·618 | 71 | 129·0 | 61·0 | 132 | 7 | E by N | ... | ... | 82 |
| February | 29·935 | 0·134 | 78·3 | 85·2 | 71·6 | 13·6 | 71·9 | 68·9 | 0·699 | 72 | 132·3 | 66·9 | 122 | 10 | E S E | 0·21 | 1 | 78 |
| March | 29·894 | 0·134 | 80·8 | 89·1 | 73·0 | 16·1 | 74·5 | 70·6 | 0·775 | 73 | 133·2 | 68·1 | 175 | 14 | S S E | ... | ... | 84 |
| April | 29·837 | 0·139 | 85·7 | 93·3 | 79·3 | 14·0 | 78·5 | 76·1 | 0·878 | 71 | 138·2 | 75·1 | 219 | 13 | S E by S | ... | ... | 80 |
| May | 29·706 | 0·128 | 89·5 | 100·3 | 82·6 | 17·7 | 79·2 | 76·6 | 0·862 | 62 | 144·1 | 78·5 | 250 | 16 | South | 0·08 | 1 | 79 |
| June | 29·698 | 0·120 | 90·1 | 102·6 | 83·6 | 19·0 | 75·9 | 72·7 | 0·706 | 50 | 148·0 | 79·4 | 300 | 19 | S W by S | 0·56 | 7 | 44 |
| July | 29·719 | 0·127 | 86·9 | 97·3 | 81·2 | 16·1 | 75·8 | 72·8 | 0·746 | 59 | 139·8 | 78·1 | 249 | 20 | S W | 1·47 | 10 | 30 |
| August | 29·755 | 0·131 | 84·6 | 94·1 | 78·3 | 15·8 | 76·0 | 72·6 | 0·786 | 66 | 140·0 | 75·7 | 205 | 19 | S W by S | 4·17 | 16 | 33 |
| September | 29·773 | 0·129 | 84·6 | 92·8 | 78·9 | 13·9 | 76·5 | 73·7 | 0·807 | 68 | 136·0 | 74·9 | 180 | 19 | S W by S | 2·47 | 7 | 42 |
| October | 29·832 | 0·117 | 80·7 | 86·5 | 76·0 | 10·5 | 76·1 | 73·4 | 0·839 | 80 | 134·9 | 72·5 | 108 | 9 | E by S | 8·70 | 16 | 38 |
| November | 29·952 | 0·109 | 77·0 | 82·3 | 72·3 | 10·0 | 71·9 | 69·5 | 0·717 | 77 | 128·9 | 67·6 | 167 | 2 | N N E | 11·93 | 10 | 46 |
| December | 30·010 | 0·109 | 74·8 | 79·2 | 71·1 | 8·1 | 70·0 | 68·0 | 0·674 | 78 | 123·6 | 67·2 | 211 | 3 | N E by N | 21·80 | 17 | 37 |
| Annual | 29·845 | 0·125 | 82·3 | 90·3 | 76·3 | 14·0 | 74·6 | 71·7 | 0·759 | 69 | 135·7 | 72·1 | 193 | 13 | S E by S | 51·39 | 85 | 56 |

## Madras Extreme Monthly Meteorological Records in 1866.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·171 | 24 | 29·859 | 6 | 0·312 | 83·9 | 31 | 64·9 | 18 | 62·8 | 18 | 54 | 14 | 138·0 | 31 | 56·8 | 18 | 250 | 1 | 65 | 18 | ... | ... |
| February | 30·049 | 10 | 29·724 | 4 | 0·325 | 90·7 | 4 | 64·4 | 28 | 62·3 | 28 | 49 | 20 | 138·3 | 19 | 60·7 | 28 | 189 | 4 | 73 | 27 | 0·21 | 10 |
| March | 30·110 | 13 | 29·714 | 27 | 0·396 | 94·2 | 27 | 66·4 | 3 | 63·9 | 3 | 50 | 27 | 139·4 | 21 | 59·3 | 2 | 255 | 20 | 104 | 13 | ... | ... |
| April | 29·985 | 23 | 29·674 | 12 | 0·311 | 97·6 | 11 | 76·0 | 1 | 72·8 | 6 | 45 | 11 | 141·2 | 24 | 70·8 | 7 | 276 | 16 | 153 | 23 | ... | ... |
| May | 29·893 | 1 | 29·585 | 7 | 0·308 | 110·6 | 28 | 79·1 | 2 | 73·1 | 30 | 17 | 28 | 155·0 | 19 | 74·5 | 4 | 340 | 15 | 87 | 3 | 0·08 | 1 |
| June | 29·827 | 29 | 29·513 | 16 | 0·314 | 109·0 | 3 | 79·8 | 20 | 69·7 | 13 | 31 | 25 | 152·8 | 27 | 74·9 | 20 | 443 | 16 | 220 | 2 | 0·29 | 17 |
| July | 29·835 | 3 | 29·552 | 11 | 0·283 | 102·2 | 4 | 76·0 | 16 | 71·2 | 12 | 35 | 1 | 150·0 | 1 | 72·7 | 16 | 340 | 12 | 165 | 26 | 0·34 | 16 |
| August | 29·928 | 6 | 29·596 | 2 | 0·332 | 100·1 | 10 | 72·2 | 23 | 69·7 | 23 | 40 | 12 | 150·8 | 12 | 70·7 | 23 | 329 | 10 | 126 | 24 | 1·00 | 23 |
| September | 29·905 | 24 | 29·648 | 12 | 0·257 | 96·4 | 18 | 74·1 | 21 | 71·0 | 16 | 40 | 8 | 145·5 | 20 | 70·0 | 21 | 283 | 12 | 116 | 28 | 0·84 | 21 |
| October | 29·981 | 30 | 29·621 | 23 | 0·360 | 90·2 | 25 | 72·8 | 7 | 70·4 | 31 | 58 | 31 | 147·1 | 14 | 68·3 | 31 | 189 | 20 | 49 | 4 | 1·66 | 14 |
| November | 30·086 | 16 | 29·829 | 8 | 0·257 | 86·8 | 7 | 63·2 | 27 | 60·2 | 27 | 39 | 27 | 143·6 | 13 | 55·0 | 27 | 229 | 14 | 88 | 11 | 4·31 | 16 |
| December | 30·148 | 18 | 29·831 | 6 | 0·317 | 81·3 | 7 | 67·1 | 27 | 62·6 | 28 | 53 | 28 | 142·0 | 7 | 58·9 | 23 | 338 | 24 | 121 | 18 | 7·90 | 5 |

# Madras Meteorological Observations. 1867—January.

| January 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·006 | 0·104 | 74·8 | 68·6 | 79·3 | 69·6 | 128·5 | 66·2 | 0·616 | 72 | 150 | N E by E | 10 | ... | Fine. |
| 2 | 30·029 | 0·130 | 73·8 | 68·4 | 78·3 | 67·1 | 124·5 | 59·3 | 0·624 | 74 | 178 | N E by N | 40 | 0·05 | Fine with passing clouds. |
| 3 | 30·070 | 0·101 | 75·8 | 66·8 | 79·3 | 73·7 | 128·1 | 69·2 | 0·538 | 60 | 261 | N E by E | 47 | ... | Do. |
| 4 | 30·054 | 0·125 | 73·6 | 68·4 | 79·5 | 68·9 | 131·1 | 59·5 | 0·627 | 75 | 129 | N E | 23 | ... | Do. |
| 5 | 30·041 | 0·121 | 75·0 | 69·9 | 79·6 | 69·8 | 131·0 | 62·5 | 0·665 | 77 | 187 | N E | 47 | 0·03 | Do. |
| 6 | 30·006 | 0·107 | 75·4 | 71·2 | 81·1 | 69·9 | 130·7 | 62·3 | 0·709 | 80 | 143 | N E by E | 23 | ... | Do. |
| 7 | 29·989 | 0·126 | 75·9 | 72·3 | 82·7 | 70·9 | 133·0 | 65·4 | 0·746 | 84 | 95 | East | 20 | ... | Do. |
| 8 | 29·975 | 0·134 | 76·3 | 72·7 | 83·8 | 70·8 | 138·8 | 63·2 | 0·757 | 84 | 96 | S E by S | 32 | ... | Do. |
| 9 | 29·994 | 0·108 | 76·7 | 72·4 | 83·0 | 71·8 | 132·7 | 66·0 | 0·739 | 80 | 105 | S E | 23 | ... | Do. |
| 10 | 30·052 | 0·113 | 75·8 | 71·1 | 80·2 | 70·3 | 127·1 | 63·4 | 0·699 | 78 | 149 | East | 30 | ... | Do. |
| 11 | 30·052 | 0·118 | 77·2 | 71·8 | 82·2 | 73·6 | 136·7 | 66·2 | 0·708 | 75 | 210 | E N E | 40 | ... | Do. |
| 12 | 30·009 | 0·123 | 76·9 | 71·5 | 80·7 | 72·9 | 130·6 | 69·9 | 0·700 | 75 | 286 | E N E | 63 | 0·02 | Passing clouds. |
| 13 | 29·991 | 0·124 | 76·0 | 69·7 | 80·3 | 72·9 | 131·4 | 70·2 | 0·643 | 72 | 235 | E N E | 27 | 0·07 | Fine with passing clouds. |
| 14 | 30·008 | 0·099 | 74·5 | 68·0 | 78·9 | 68·9 | 128·1 | 61·0 | 0·599 | 70 | 176 | N E by E | 27 | ... | Do. |
| 15 | 30·039 | 0·123 | 73·8 | 67·5 | 80·1 | 67·1 | 131·6 | 59·7 | 0·592 | 71 | 156 | N E by E | 37 | ... | Do. |
| 16 | 30·029 | 0·134 | 73·5 | 68·0 | 80·6 | 67·0 | 132·9 | 58·0 | 0·613 | 74 | 118 | N E by E | 27 | ... | Do. |
| 17 | 30·037 | 0·113 | 73·8 | 68·6 | 80·7 | 68·3 | 135·9 | 61·8 | 0·631 | 75 | 105 | E N E | 27 | ... | Do. |
| 18 | 30·052 | 0·111 | 73·5 | 69·0 | 80·2 | 67·8 | 127·8 | 59·3 | 0·650 | 79 | 90 | E by N | 27 | ... | Do. |
| 19 | 30·080 | 0·125 | 74·0 | 70·2 | 80·9 | 68·5 | 131·9 | 62·6 | 0·688 | 81 | 104 | E N E | 40 | ... | Passing clouds. |
| 20 | 30·073 | 0·149 | 74·8 | 69·3 | 81·4 | 69·2 | 133·2 | 62·3 | 0·644 | 74 | 135 | N E by E | 40 | ... | Do. |
| 21 | 30·038 | 0·114 | 73·1 | 68·0 | 79·8 | 68·7 | 128·5 | 59·0 | 0·618 | 76 | 122 | N E | 7 | ... | Fine. |
| 22 | 30·032 | 0·115 | 73·4 | 68·2 | 81·1 | 66·7 | 132·7 | 57·6 | 0·622 | 75 | 70 | E by N | 27 | ... | Fine with passing clouds. |
| 23 | 30·012 | 0·107 | 72·6 | 68·2 | 80·5 | 65·5 | 131·7 | 55·1 | 0·632 | 78 | 74 | E S E | 10 | ... | Fine. |
| 24 | 30·000 | 0·112 | 72·0 | 68·2 | 81·3 | 63·7 | 128·6 | 57·7 | 0·640 | 82 | 98 | S E by E | 7 | ... | Do. |
| 25 | 29·980 | 0·117 | 72·9 | 68·5 | 80·9 | 65·2 | 128·1 | 55·9 | 0·639 | 79 | 89 | S E | 2 | ... | Clear. |
| 26 | 29·992 | 0·094 | 73·7 | 68·5 | 81·1 | 66·4 | 133·2 | 57·9 | 0·629 | 75 | 92 | S E by S | 20 | ... | Fine with light clouds. |
| 27 | 30·000 | 0·121 | 75·6 | 69·2 | 81·4 | 68·5 | 131·0 | 61·8 | 0·629 | 71 | 148 | East | 30 | ... | Fine with passing clouds. |
| 28 | 29·984 | 0·138 | 75·2 | 68·9 | 80·6 | 67·7 | 128·8 | 60·8 | 0·623 | 71 | 195 | N E by E | 18 | ... | Do. |
| 29 | 29·996 | 0·125 | 75·3 | 69·2 | 81·4 | 67·9 | 131·3 | 61·9 | 0·634 | 72 | 135 | E by N | 27 | ... | Do. |
| 30 | 30·008 | 0·138 | 75·2 | 68·7 | 81·0 | 69·5 | 131·2 | 64·9 | 0·616 | 71 | 159 | E by N | 43 | ... | Passing clouds. |
| 31 | 30·009 | 0·116 | 74·1 | 67·1 | 79·3 | 69·3 | 130·5 | 62·3 | 0·571 | 68 | 169 | N E by E | 37 | ... | Do. |
| Mean | 30·021 | 0·119 | 74·7 | 69·3 | 80·7 | 69·0 | 131·0 | 62·0 | 0·646 | 75 | 144 | E by N | 28 | 0·17 | |

## Madras Meteorological Observations. 1867—February.

| February 1867 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·001 | 0·120 | 73·0 | 67·9 | 79·5 | 66·0 | 131·4 | 59·0 | 0·616 | 76 | 148 | N E by E | 33 | ... | Fine with passing clouds. |
| 2 | 29·970 | 0·138 | 73·1 | 67·5 | 80·7 | 65·6 | 129·5 | 57·8 | 0·600 | 74 | 99 | N E by E | 28 | ... | Hazy. |
| 3 | 29·990 | 0·095 | 76·1 | 70·4 | 82·1 | 67·9 | 133·0 | 58·7 | 0·668 | 74 | 178 | N E by E | 37 | ... | Fine with passing clouds. |
| 4 | 29·968 | 0·115 | 77·0 | 71·7 | 82·8 | 70·7 | 126·7 | 64·2 | 0·707 | 76 | 153 | E by N | 67 | ... | Passing clouds. |
| 5 | 29·951 | 0·123 | 77·5 | 72·9 | 83·3 | 70·5 | 129·8 | 68·3 | 0·749 | 80 | 190 | E by S | 60 | ... | Do. |
| 6 | 29·932 | 0·120 | 78·0 | 73·5 | 83·6 | 72·7 | 135·8 | 65·7 | 0·767 | 80 | 152 | E by S | 27 | ... | Fine with passing clouds. |
| 7 | 29·917 | 0·123 | 78·3 | 73·7 | 84·0 | 72·9 | 134·7 | 66·3 | 0·771 | 80 | 114 | E by S | 30 | ... | Do. |
| 8 | 29·931 | 0·107 | 77·8 | 73·3 | 83·1 | 72·5 | 136·1 | 65·0 | 0·761 | 80 | 137 | East | 43 | ... | Passing clouds. |
| 9 | 29·957 | 0·119 | 78·3 | 73·0 | 83·3 | 73·0 | 130·9 | 65·6 | 0·741 | 77 | 135 | E by N | 50 | ... | Do. |
| 10 | 29·969 | 0·137 | 77·6 | 73·1 | 83·7 | 71·6 | 131·5 | 64·7 | 0·756 | 80 | 88 | East | 47 | ... | Hazy. |
| 11 | 29·922 | 0·154 | 76·9 | 72·6 | 83·8 | 70·7 | 130·5 | 63·3 | 0·744 | 81 | 96 | E S E | 50 | ... | Do. |
| 12 | 29·897 | 0·147 | 76·9 | 72·5 | 84·9 | 70·3 | 131·5 | 63·3 | 0·741 | 80 | 99 | S E | 20 | ... | Fine. |
| 13 | 29·876 | 0·154 | 76·7 | 71·3 | 86·0 | 69·6 | 132·0 | 61·2 | 0·695 | 75 | 122 | S S E | 27 | ... | Hazy. |
| 14 | 29·953 | 0·122 | 77·0 | 69·1 | 88·2 | 69·5 | 134·8 | 62·0 | 0·607 | 65 | 110 | S by E | 37 | ... | Do. |
| 15 | 29·982 | 0·140 | 76·8 | 70·6 | 83·4 | 69·2 | 131·7 | 60·6 | 0·666 | 72 | 145 | E S E | 23 | ... | Fine with passing clouds. |
| 16 | 29·965 | 0·128 | 75·4 | 70·1 | 83·3 | 68·7 | 130·7 | 60·5 | 0·667 | 76 | 92 | N E by E | 7 | ... | Fine. |
| 17 | 29·966 | 0·117 | 75·3 | 70·0 | 83·6 | 67·6 | 131·0 | 58·9 | 0·664 | 76 | 88 | E S E | 7 | ... | Do. |
| 18 | 29·970 | 0·108 | 75·3 | 69·6 | 83·5 | 67·0 | 131·7 | 58·9 | 0·649 | 74 | 131 | S by E | 7 | ... | Do. |
| 19 | 29·965 | 0·108 | 75·3 | 69·4 | 83·8 | 67·4 | 130·9 | 60·0 | 0·641 | 72 | 132 | South | 7 | ... | Do. |
| 20 | 29·976 | 0·137 | 74·7 | 68·1 | 83·9 | 66·4 | 130·6 | 59·2 | 0·601 | 70 | 125 | South | 7 | ... | Do. |
| 21 | 29·969 | 0·133 | 74·5 | 68·0 | 83·5 | 66·5 | 133·2 | 57·9 | 0·599 | 70 | 107 | S by E | 13 | ... | Do. |
| 22 | 29·981 | 0·120 | 74·6 | 68·6 | 82·5 | 64·7 | 130·7 | 55·9 | 0·620 | 72 | 139 | S by E | 8 | ... | Do. |
| 23 | 29·958 | 0·128 | 75·1 | 71·0 | 84·4 | 64·7 | 127·8 | 58·8 | 0·705 | 81 | 150 | S by E | 2 | ... | Clear. |
| 24 | 29·974 | 0·117 | 78·3 | 73·1 | 85·7 | 70·9 | 132·4 | 63·4 | 0·746 | 77 | 175 | S S E | 18 | ... | Fine. |
| 25 | 30·022 | 0·105 | 78·5 | 72·9 | 84·3 | 71·6 | 133·8 | 63·3 | 0·735 | 76 | 147 | S E by E | 3 | ... | Clear. |
| 26 | 30·036 | 0·105 | 76·7 | 71·8 | 83·4 | 70·4 | 133·8 | 61·6 | 0·715 | 77 | 109 | E by S | 0 | ... | Do. |
| 27 | 30·025 | 0·104 | 77·2 | 72·4 | 84·5 | 69·6 | 134·4 | 62·9 | 0·733 | 78 | 108 | S E | 8 | ... | Fine. |
| 28 | 29·999 | 0·120 | 75·9 | 70·0 | 85·5 | 69·0 | 136·0 | 62·7 | 0·655 | 73 | 73 | S S E | 2 | ... | Clear. |
| Mean | 29·965 | 0·123 | 76·4 | 71·0 | 83·7 | 69·2 | 132·0 | 61·8 | 0·690 | 76 | 127 | S E by E | 24 | *Nil.* | |

# Madras Meteorological Observations. 1867—March.

| March 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·951 | 0·133 | 74·8 | 64·3 | 86·5 | 65·0 | 135·1 | 56·8 | 0·463 | 54 | 106 | South | 0 | ... | Clear. |
| 2 | 29·928 | 0·133 | 74·7 | 66·9 | 83·6 | 63·9 | 133·8 | 55·2 | 0·557 | 65 | 110 | S by E | 3 | ... | Do. |
| 3 | 29·961 | 0·132 | 76·2 | 67·4 | 83·6 | 65·8 | 136·1 | 55·5 | 0·555 | 61 | 106 | S E by E | 7 | ... | Fine. |
| 4 | 29·983 | 0·115 | 77·5 | 67·8 | 84·7 | 68·5 | 136·0 | 58·6 | 0·551 | 59 | 111 | S E by E | 20 | ... | Fine with passing clouds. |
| 5 | 29·952 | 0·121 | 76·5 | 68·0 | 83·2 | 68·7 | 133·8 | 60·2 | 0·572 | 62 | 103 | E S E | 8 | ... | Fine. |
| 6 | 29·918 | 0·128 | 76·5 | 69·2 | 83·8 | 67·1 | 133·9 | 57·4 | 0·617 | 68 | 132 | S E | 3 | ... | Clear. |
| 7 | 29·895 | 0·119 | 77·5 | 69·4 | 85·3 | 67·7 | 132·7 | 59·9 | 0·612 | 65 | 155 | S by E | 13 | ... | Fine. |
| 8 | 29·939 | 0·104 | 78·2 | 70·7 | 86·3 | 70·5 | 135·0 | 62·6 | 0·652 | 68 | 146 | S S E | 37 | ... | Hazy. |
| 9 | 30·002 | 0·130 | 79·0 | 72·1 | 86·2 | 70·4 | 138·9 | 61·6 | 0·696 | 70 | 113 | S E | 37 | ... | Fine with passing clouds. |
| 10 | 30·017 | 0·093 | 78·8 | 71·4 | 86·5 | 72·0 | 142·0 | 63·0 | 0·670 | 68 | 121 | E S E | 17 | ... | Fine. |
| 11 | 30·008 | 0·101 | 78·0 | 70·2 | 85·7 | 71·2 | 135·0 | 64·5 | 0·635 | 66 | 101 | S E | 20 | ... | Do. |
| 12 | 29·963 | 0·136 | 78·6 | 71·7 | 85·7 | 69·6 | 133·1 | 60·2 | 0·695 | 70 | 154 | S S E | 3 | ... | Clear. |
| 13 | 29·935 | 0·128 | 78·8 | 72·9 | 86·7 | 71·3 | 133·9 | 63·0 | 0·731 | 74 | 178 | S S E | 7 | ... | Fine. |
| 14 | 29·979 | 0·108 | 79·3 | 72·8 | 86·5 | 71·4 | 133·3 | 63·2 | 0·721 | 72 | 196 | S S E | 7 | ... | Do. |
| 15 | 29·973 | 0·125 | 79·0 | 72·5 | 87·4 | 70·7 | 134·9 | 61·9 | 0·713 | 72 | 196 | S S E | 7 | ... | Do. |
| 16 | 29·932 | 0·119 | 79·6 | 72·9 | 86·5 | 70·8 | 133·9 | 62·2 | 0·721 | 71 | 219 | S S E | 3 | ... | Clear. |
| 17 | 29·908 | 0·145 | 81·0 | 74·0 | 89·5 | 73·6 | 136·2 | 67·5 | 0·747 | 71 | 206 | S S E | 8 | .. | Do. |
| 18 | 29·919 | 0·114 | 81·1 | 74·2 | 88·2 | 75·8 | 134·7 | 71·2 | 0·754 | 71 | 225 | S by E | 28 | ... | Light haze. |
| 19 | 29·937 | 0·124 | 80·7 | 73·7 | 87·0 | 73·1 | 132·7 | 66·5 | 0·739 | 71 | 201 | S S E | 23 | ... | Fine with passing clouds. |
| 20 | 29·897 | 0·142 | 80·7 | 74·8 | 87·3 | 72·8 | 138·1 | 67·0 | 0·783 | 74 | 192 | S S E | 40 | ... | Passing clouds. |
| 21 | 29·837 | 0·156 | 81·6 | 75·5 | 90·1 | 76·2 | 138·2 | 71·9 | 0·802 | 75 | 208 | S S E | 57 | ... | Do. |
| 22 | 29·869 | 0·123 | 81·3 | 74·2 | 87·5 | 75·6 | 133·8 | 69·9 | 0·752 | 71 | 194 | S E by S | 40 | ... | Do. |
| 23 | 29·941 | 0·107 | 81·4 | 73·8 | 87·9 | 74·8 | 137·7 | 69·0 | 0·733 | 69 | 140 | S E | 40 | ... | Do. |
| 24 | 29·951 | 0·099 | 81·3 | 74·2 | 87·6 | 74·8 | 139·1 | 69·3 | 0·752 | 71 | 160 | East | 60 | ... | Do. |
| 25 | 29·922 | 0·103 | 80·1 | 73·5 | 86·9 | 73·1 | 139·5 | 66·4 | 0·739 | 72 | 116 | East | 37 | ... | Do. |
| 26 | 29·926 | 0·124 | 80·9 | 73·0 | 87·1 | 73·9 | 139·6 | 67·6 | 0·706 | 67 | 118 | E S E | 42 | ... | Fine with passing clouds. |
| 27 | 29·918 | 0·121 | 82·2 | 74·7 | 88·4 | 76·8 | 140·9 | 69·0 | 0·760 | 69 | 167 | E by S | 60 | ... | Passing clouds. |
| 28 | 29·943 | 0·113 | 82·3 | 74·9 | 87·8 | 77·1 | 141·7 | 71·3 | 0·766 | 69 | 160 | E S E | 47 | ... | Do. |
| 29 | 29·931 | 0·144 | 82·7 | 75·7 | 87·5 | 77·3 | 139·1 | 73·2 | 0·795 | 71 | 181 | E by S | 28 | ... | Fine with passing clouds. |
| 30 | 29·895 | 0·156 | 82·8 | 76·0 | 87·9 | 77·3 | 139·5 | 76·3 | 0·807 | 72 | 220 | East | 27 | ... | Do. |
| 31 | 29·892 | 0·119 | 83·1 | 75·5 | 89·0 | 77·6 | 137·9 | 74·0 | 0·782 | 69 | 156 | E by S | 33 | ... | Do. |
| Mean | 29·936 | 0·123 | 79·6 | 72·2 | 86·7 | 72·1 | 136·5 | 65·0 | 0·696 | 69 | 158 | S E | 24 | *Nil.* | |

## Madras Meteorological Observations. 1867—April.

| April 1867 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registerino Thermometers Dry Max. | Self Registerino Thermometers Dry Min. | Self Registerino Thermometers Snn Max. | Self Registerino Thermometers Grass Min. | Dedneed Vaponr Tension | Dedneed Hnm-idity | Wind Daily Velo-city | Wind Mean Direc-tion | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·899 | 0·123 | 82·1 | 74·3 | 88·4 | 76·5 | 139·7 | 71·2 | 0·745 | 68 | 132 | E by S | 13 | ... | Fine. |
| 2 | 29·850 | 0·153 | 82·6 | 74·5 | 90·7 | 74·2 | 140·5 | 66·8 | 0·747 | 67 | 118 | S E | 3 | ... | Clear. |
| 3 | 29·817 | 0·146 | 81·7 | 74·4 | 90·0 | 74·0 | 140·0 | 69·4 | 0·754 | 70 | 125 | S S E | 17 | ... | Hazy. |
| 4 | 29·831 | 0·114 | 82·3 | 74·9 | 89·3 | 74·6 | 137·2 | 66·4 | 0·766 | 69 | 153 | S E by S | 23 | ... | Do. |
| 5 | 29·852 | 0·123 | 82·6 | 76·0 | 91·0 | 75·6 | 142·2 | 69·8 | 0·810 | 73 | 159 | S S E | 53 | ... | Passing clouds. |
| 6 | 29·864 | 0·149 | 84·1 | 76·7 | 91·0 | 77·2 | 139·2 | 71·2 | 0·820 | 70 | 183 | S S E | 37 | ... | Hazy. |
| 7 | 29·842 | 0·142 | 83·5 | 76·7 | 90·5 | 77·0 | 137·3 | 71·5 | 0·828 | 72 | 221 | S by E | 17 | ... | Fine. |
| 8 | 29·857 | 0·119 | 82·9 | 76·7 | 91·5 | 75·2 | 144·0 | 69·1 | 0·836 | 74 | 170 | S by E | 83 | ... | Hazy. |
| 9 | 29·906 | 0·146 | 82·4 | 75·3 | 88·2 | 78·8 | 135·2 | 73·4 | 0·783 | 71 | 143 | S E by E | 83 | 0·10 | Cloudy. |
| 10 | 29·868 | 0·151 | 83·2 | 75·6 | 91·9 | 74·9 | 139·2 | 71·2 | 0·785 | 69 | 145 | S S E | 25 | ... | Fine with passing clouds. |
| 11 | 29·853 | 0·134 | 83·9 | 75·3 | 90·6 | 76·6 | 137·0 | 71·0 | 0·763 | 65 | 210 | S by E | 3 | .. | Clear. |
| 12 | 29·869 | 0·133 | 84·3 | 77·3 | 91·0 | 76·8 | 136·7 | 70·2 | 0·844 | 72 | 211 | S S E | 27 | ... | Fine with passing clouds. |
| 13 | 29·877 | 0·156 | 84·4 | 78·0 | 91·8 | 77·2 | 137·6 | 71·5 | 0·873 | 74 | 219 | S S E | 10 | ... | Fine. |
| 14 | 29·853 | 0·144 | 84·4 | 76·9 | 91·1 | 77·1 | 137·2 | 72·3 | 0·825 | 70 | 195 | S E by S | 12 | ... | Do. |
| 15 | 29·822 | 0·147 | 85·0 | 77·2 | 94·5 | 77·6 | 139·5 | 72·4 | 0·830 | 69 | 206 | S by E | 10 | ... | Do. |
| 16 | 29·864 | 0·119 | 84·6 | 77·3 | 92·1 | 77·7 | 139·0 | 71·2 | 0·840 | 71 | 177 | S E by S | 42 | ... | Hazy. |
| 17 | 29·893 | 0·141 | 84·8 | 76·8 | 90·9 | 79·8 | 137·6 | 75·7 | 0·815 | 68 | 192 | S E | 38 | ... | Do. |
| 18 | 29·901 | 0·155 | 84·4 | 76·2 | 91·2 | 77·3 | 139·0 | 75·3 | 0·794 | 67 | 159 | S E by E | 23 | ... | Do. |
| 19 | 29·885 | 0·127 | 84·2 | 77·1 | 90·6 | 76·8 | 139·5 | 71·4 | 0·836 | 72 | 142 | E S E | 27 | ... | Fine with passing clouds. |
| 20 | 29·859 | 0·122 | 85·6 | 78·1 | 91·8 | 79·6 | 142·2 | 73·5 | 0·862 | 70 | 170 | S E by E | 10 | ... | Fine. |
| 21 | 29·822 | 0·119 | 86·7 | 78·6 | 93·7 | 79·7 | 142·2 | 74·5 | 0·870 | 69 | 218 | S S E | 23 | ... | Fine with passing clouds. |
| 22 | 29·820 | 0·124 | 86·3 | 79·8 | 92·4 | 80·9 | 139·9 | 77·1 | 0·930 | 74 | 244 | S S E | 67 | ... | Hazy. |
| 23 | 29·866 | 0·105 | 85·0 | 79·0 | 91·8 | 79·8 | 142·6 | 74·9 | 0·911 | 76 | 162 | S E | 60 | ... | Do. |
| 24 | 29·827 | 0·136 | 85·4 | 77·8 | 92·5 | 79·0 | 139·2 | 73·9 | 0·852 | 70 | 153 | S E by S | 13 | ... | Fine. |
| 25 | 29·824 | 0·130 | 85·4 | 77·6 | 92·3 | 77·8 | 139·0 | 71·5 | 0·843 | 69 | 198 | S E | 17 | ... | Fine with passing clouds. |
| 26 | 29·886 | 0·095 | 85·4 | 78·1 | 91·3 | 78·4 | 140·9 | 72·1 | 0·865 | 71 | 150 | S E | 27 | ... | Hazy. |
| 27 | 29·889 | 0·134 | 85·9 | 78·4 | 92·4 | 80·2 | 143·0 | 76·4 | 0·872 | 70 | 140 | E by S | 33 | ... | Passing clouds. |
| 28 | 29·864 | 0·152 | 86·2 | 79·0 | 92·8 | 80·4 | 147·1 | 78·2 | 0·895 | 71 | 123 | E S E | 77 | 0·01 | Cloudy. |
| 29 | 29·834 | 0·118 | 86·2 | 79·1 | 92·7 | 79·7 | 144·1 | 75·6 | 0·900 | 72 | 122 | S E by E | 63 | ... | Hazy : lg. |
| 30 | 29·827 | 0·124 | 87·1 | 78·0 | 93·4 | 80·7 | 149·9 | 76·7 | 0·877 | 68 | 134 | S E by S | 53 | ... | Passing clouds. |
| Mean | 29·857 | 0·133 | 84·4 | 77·1 | 91·4 | 77·7 | 140·3 | 72·5 | 0·832 | 70 | 169 | S E by S | 33 | 0·11 | |

# Madras Meteorological Observations. 1867—May.

| May 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·790 | 0·124 | 86·9 | 79·3 | 93·5 | 81·6 | 141·9 | 77·4 | 0·900 | 70 | 178 | S E | 40 | ... | Passing clouds. |
| 2 | 29·821 | 0·107 | 85·6 | 78·7 | 94·3 | 80·1 | 146·7 | 78·4 | 0·889 | 72 | 149 | S by E | 73 | ... | Cloudy : th : lg. S. W. |
| 3 | 29·833 | 0·149 | 86·0 | 78·4 | 93·5 | 79·6 | 142·1 | 75·3 | 0·871 | 70 | 157 | S S E | 47 | ... | Passing clouds. |
| 4 | 29·809 | 0·149 | 86·6 | 79·4 | 94·4 | 80·0 | 146·2 | 74·9 | 0·908 | 70 | 173 | S S E | 37 | ... | Fine with passing clouds : lg. W. |
| 5 | 29·767 | 0·116 | 87·4 | 79·1 | 94·7 | 80·1 | 141·6 | 77·4 | 0·883 | 68 | 217 | S S E | 27 | ... | Fine with passing clouds. |
| 6 | 29·765 | 0·164 | 88·1 | 79·8 | 94·6 | 81·6 | 141·5 | 77·8 | 0·906 | 68 | 237 | S by E | 23 | ... | Do. |
| 7 | 29·766 | 0·116 | 89·2 | 80·0 | 95·6 | 82·8 | 139·8 | 79·7 | 0·901 | 66 | 289 | S by E | 20 | ... | Fine. |
| 8 | 29·735 | 0·102 | 88·8 | 79·7 | 96·4 | 83·2 | 145·8 | 79·5 | 0·892 | 66 | 229 | S by E | 17 | ... | Do. |
| 9 | 29·720 | 0·141 | 88·8 | 80·3 | 95·5 | 82·7 | 139·7 | 79·3 | 0·920 | 66 | 284 | S by E | 32 | ... | Hazy. |
| 10 | 29·777 | 0·099 | 85·1 | 78·2 | 93·5 | 79·7 | 139·3 | 81·3 | 0·873 | 72 | 151 | South | 77 | ... | Cloudy : th : lg. S. and E. |
| 11 | 29·747 | 0·163 | 86·8 | 77·6 | 95·7 | 81·7 | 142·3 | 75·4 | 0·824 | 65 | 185 | E S E | 47 | ... | Hazy : lg. W. |
| 12 | 29·689 | 0·145 | 87·4 | 78·1 | 94·9 | 80·7 | 142·4 | 76·1 | 0·837 | 64 | 165 | South | 27 | ... | Hazy : th. |
| 13 | 29·679 | 0·119 | 87·7 | 78·9 | 99·9 | 79·6 | 145·5 | 76·2 | 0·871 | 67 | 191 | S by W | 43 | ... | Passing clouds : lg. S. W. |
| 14 | 29·700 | 0·116 | 89·4 | 78·9 | 100·3 | 82·6 | 153·3 | 78·7 | 0·847 | 61 | 164 | South | 57 | ... | Hazy : lg. W. |
| 15 | 29·710 | 0·156 | 85·9 | 77·5 | 93·3 | 81·6 | 127·4 | 77·2 | 0·831 | 67 | 125 | S by W | 93 | ... | Overcast. |
| 16 | 29·665 | 0·110 | 89·4 | 77·1 | 99·2 | 82·7 | 144·9 | 79·0 | 0·766 | 55 | 269 | S S W | 60 | ... | Hazy. |
| 17 | 29·695 | 0·125 | 84·2 | 76·4 | 99·3 | 79·1 | 143·4 | 76·9 | 0·806 | 68 | 256 | S by W | 73 | 0·07 | Cloudy. |
| 18 | 29·680 | 0·101 | 85·9 | 78·6 | 95·2 | 76·9 | 144·7 | 72·3 | 0·881 | 71 | 125 | S by E | 72 | ... | Hazy. |
| 19 | 29·662 | 0·121 | 86·5 | 77·8 | 94·6 | 81·6 | 124·7 | 77·3 | 0·836 | 66 | 94 | N E by E | 93 | ... | Overcast : th. & g. |
| 20 | 29·653 | 0·100 | 87·9 | 75·9 | 98·0 | 81·2 | 143·5 | 76·8 | 0·734 | 56 | 140 | N N E | 93 | ... | Do. |
| 21 | 29·686 | 0·113 | 85·8 | 76·4 | 90·0 | 84·2 | 112·1 | 80·4 | 0·784 | 63 | 267 | S by E | 100 | ... | Do. |
| 22 | 29·682 | 0·118 | 88·4 | 77·4 | 99·5 | 81·8 | 138·4 | 77·3 | 0·792 | 59 | 294 | S S W | 93 | ... | Do. |
| 23 | 29·679 | 0·120 | 88·6 | 77·3 | 99·1 | 81·7 | 142·1 | 78·2 | 0·785 | 58 | 222 | South | 53 | ... | Cloudy. |
| 24 | 29·711 | 0·116 | 89·2 | 79·8 | 99·8 | 82·6 | 141·7 | 80·1 | 0·891 | 65 | 328 | South | 23 | ... | Hazy. |
| 25 | 29·720 | 0·142 | 89·9 | 80·6 | 101·5 | 82·9 | 144·1 | 80·7 | 0·919 | 66 | 378 | S by W | 23 | ... | Fine with passing clouds. |
| 26 | 29·696 | 0·141 | 90·9 | 79·4 | 104·4 | 83·2 | 145·4 | 80·8 | 0·851 | 58 | 371 | S S W | 23 | ... | Do. |
| 27 | 29·696 | 0·136 | 93·2 | 77·0 | 106·9 | 82·1 | 146·3 | 77·5 | 0·711 | 46 | 304 | S W | 13 | ... | Fine. |
| 28 | 29·683 | 0·135 | 91·7 | 78·5 | 107·1 | 83·6 | 147·7 | 80·1 | 0·798 | 53 | 290 | S W by S | 27 | ... | Hazy. |
| 29 | 29·675 | 0·106 | 91·6 | 77·9 | 104·3 | 85·3 | 145·7 | 78·5 | 0·773 | 52 | 288 | S S W | 30 | ... | Fine with passing clouds. |
| 30 | 29·670 | 0·170 | 92·3 | 76·9 | 106·9 | 86·9 | 148·4 | 80·3 | 0·717 | 46 | 239 | S W | 15 | ... | Fine. |
| 31 | 29·696 | 0·129 | 91·9 | 77·8 | 106·8 | 83·8 | 146·6 | 79·5 | 0·764 | 51 | 265 | S W | 2 | ... | Clear. |
| Mean | 29·718 | 0·127 | 88·3 | 78·3 | 98·2 | 81·8 | 141·8 | 78·1 | 0·837 | 63 | 227 | S by E | 48 | 0·07 | |

# Madras Meteorological Observations. 1867—June.

| June 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·676 | 0·148 | 93·1 | 77·5 | 107·3 | 83·4 | 146·2 | 79·2 | 0·734 | 48 | 275 | S W by S | 17 | ... | Fine : lg. N. W |
| 2 | 29·684 | 0·114 | 91·2 | 77·7 | 105·3 | 85·0 | 146·2 | 80·8 | 0·768 | 52 | 288 | S S W | 23 | ... | Hazy : lg. |
| 3 | 29·687 | 0·121 | 91·6 | 77·9 | 104·3 | 84·8 | 148·7 | 81·1 | 0·773 | 52 | 260 | S S W | 47 | ... | Hazy. |
| 4 | 29·707 | 0·119 | 88·0 | 77·1 | 98·1 | 83·7 | 130·7 | 77·2 | 0·784 | 59 | 232 | S W by S | 70 | 0·01 | Cloudy. |
| 5 | 29·746 | 0·084 | 88·8 | 76·4 | 100·9 | 82·7 | 156·6 | 78·4 | 0·743 | 54 | 254 | S S W | 40 | ... | Hazy. |
| 6 | 29·736 | 0·108 | 89·7 | 78·8 | 98·3 | 82·7 | 143·5 | 79·7 | 0·838 | 59 | 261 | S by W | 22 | ... | Fine. |
| 7 | 29·737 | 0·144 | 88·8 | 78·3 | 101·3 | 82·7 | 142·9 | 80·4 | 0·828 | 60 | 373 | S by W | 22 | ... | Hazy lg. N. W. |
| 8 | 29·730 | 0·122 | 87·6 | 77·4 | 99·8 | 83·0 | 139·8 | 80·5 | 0·803 | 61 | 291 | S by W | 72 | ... | Cloudy. |
| 9 | 29·691 | 0·131 | 86·2 | 77·7 | 101·1 | 82·2 | 146·0 | 76·7 | 0·836 | 67 | 243 | S S W | 77 | 0·04 | Do. |
| 10 | 29·681 | 0·126 | 88·2 | 77·5 | 99·8 | 83·8 | 144·8 | 80·2 | 0·800 | 60 | 300 | S S W | 33 | ... | Fine with passing clouds. |
| 11 | 29·672 | 0·134 | 88·9 | 77·7 | 101·9 | 82·7 | 152·8 | 79·6 | 0·800 | 59 | 279 | South | 57 | ... | Passing clouds. |
| 12 | 29·623 | 0·130 | 86·5 | 77·3 | 100·7 | 85·9 | 150·8 | ... | 0·815 | 64 | 230 | S W | 53 | 1·32 | Mg. fine : night overcast with rain. |
| 13 | 29·611 | 0·145 | 87·0 | 77·0 | 97·2 | 80·1 | 136·9 | 74·5 | 0·794 | 62 | 215 | SW by W | 90 | ... | Cloudy. |
| 14 | 29·612 | 0·142 | 88·6 | 76·4 | 99·0 | 80·7 | 139·4 | 74·9 | 0·746 | 55 | 204 | S W | 73 | ... | Do. |
| 15 | 29·646 | 0·125 | 87·6 | 77·2 | 99·0 | 82·9 | 141·3 | 78·7 | 0·794 | 60 | 281 | S S W | 60 | 0·03 | Do. |
| 16 | 29·666 | 0·180 | 89·4 | 78·1 | 101·0 | 82·2 | 139·7 | 79·1 | 0·810 | 58 | 252 | S W by S | 67 | ... | Do. |
| 17 | 29·604 | 0·193 | 89·5 | 76·3 | 101·1 | 83·1 | 144·3 | 79·3 | 0·729 | 53 | 263 | SW by W | 87 | ... | Do. |
| 18 | 29·556 | 0·156 | 91·1 | 75·8 | 102·1 | 83·3 | 143·6 | 79·3 | 0·686 | 47 | 312 | W by S | 73 | 0·02 | Do. |
| 19 | 29·586 | 0·126 | 89·8 | 76·1 | 99·5 | 83·9 | 139·9 | 81·0 | 0·718 | 51 | 270 | SW by W | 83 | 0·02 | Do. |
| 20 | 29·615 | 0·104 | 88·6 | 77·0 | 99·0 | 83·3 | 143·0 | 79·2 | 0·773 | 57 | 277 | S S W | 67 | ... | Do. |
| 21 | 29·678 | 0·135 | 90·2 | 75·9 | 102·3 | 83·7 | 142·7 | 80·4 | 0·703 | 49 | 311 | W S W | 57 | 0·04 | Passing clouds. |
| 22 | 29·715 | 0·133 | 89·2 | 75·8 | 102·0 | 82·6 | 143·6 | 76·9 | 0·712 | 51 | 300 | SW by W | 67 | 0·01 | Do. |
| 23 | 29·712 | 0·141 | 88·3 | 75·6 | 100·4 | 83·4 | 140·7 | 77·9 | 0·715 | 54 | 282 | S W by S | 60 | ... | Do. |
| 24 | 29·740 | 0·137 | 88·7 | 76·7 | 102·6 | 83·9 | 143·0 | 79·5 | 0·758 | 56 | 245 | S W by S | 32 | ... | Fine with passing clouds. |
| 25 | 29·792 | 0·122 | 89·0 | 76·6 | 100·9 | 83·7 | 144·5 | 79·3 | 0·749 | 55 | 260 | S S W | 40 | ... | Do. |
| 26 | 29·849 | 0·124 | 86·4 | 76·6 | 99·5 | 80·8 | 147·3 | 77·3 | 0·785 | 62 | 183 | S by W | 80 | 0·33 | Cloudy : thunderstorm. |
| 27 | 29·781 | 0·154 | 86·7 | 77·3 | 97·0 | 80·1 | 149·4 | 76·6 | 0·811 | 63 | 234 | S by W | 63 | ... | Cloudy. |
| 28 | 22·704 | 0·145 | 87·1 | 74·9 | 99·3 | 81·6 | 142·3 | 76·5 | 0·701 | 55 | 242 | S W by S | 40 | ... | Fine with passing clouds. |
| 29 | 29·692 | 0·141 | 89·4 | 75·7 | 102·4 | 82·7 | 141·4 | 78·5 | 0·704 | 51 | 278 | S W | 40 | ... | Do. |
| 30 | 29·721 | 0·135 | 88·7 | 76·4 | 101·5 | 83·4 | 146·6 | 78·5 | 0·745 | 55 | 264 | S W by S | 60 | 0·04 | Passing clouds : lg. S. W. |
| Mean | 29·688 | 0·134 | 88·8 | 76·9 | 100·8 | 82·6 | 144·0 | 78·7 | 0·765 | 56 | 265 | S W by S | 56 | 1·86 | |

## Madras Meteorological Observations. 1867—July.

| July 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents. | Inches | |
| 1 | 29·696 | 0·163 | 88·6 | 78·0 | 101·3 | 81·8 | 141·3 | 76·2 | 0·817 | 61 | 228 | S S W | 57 | 0·02 | Passing clouds. |
| 2 | 29·675 | 0·138 | 87·6 | 77·7 | 100·6 | 83·2 | 142·4 | 79·6 | 0·817 | 62 | 212 | S by W | 75 | 0·01 | Cloudy. |
| 3 | 29·701 | 0·078 | 87·1 | 77·3 | 94·9 | 82·7 | 131·0 | 79·1 | 0·806 | 63 | 159 | South | 77 | ... | Hazy. |
| 4 | 29·757 | 0·084 | 88·2 | 77·9 | 95·0 | 82·9 | 139·8 | 79·9 | 0·818 | 61 | 182 | S S E | 57 | ... | Do. |
| 5 | 29·793 | 0·104 | 87·9 | 78·9 | 94·6 | 81·7 | 144·0 | 77·8 | 0·868 | 66 | 186 | S E | 35 | ... | Do. |
| 6 | 29·805 | 0·113 | 88·0 | 77·8 | 95·5 | 82·5 | 143·3 | 80·4 | 0·816 | 62 | 201 | S by E | 40 | ... | Fine with passing clouds. |
| 7 | 29·814 | 0·093 | 88·1 | 77·5 | 95·6 | 82·6 | 141·8 | 79·9 | 0·802 | 61 | 206 | S by W | 23 | ... | Do. |
| 8 | 29·801 | 0·106 | 86·8 | 77·0 | 96·6 | 79·6 | 141·4 | 75·6 | 0·797 | 62 | 194 | S S W | 37 | ... | Do. |
| 9 | 29·784 | 0·123 | 85·2 | 77·2 | 96·3 | 78·9 | 144·7 | 76·2 | 0·827 | 68 | 161 | S by W | 60 | ... | Passing clouds. |
| 10 | 29·788 | 0·088 | 83·6 | 75·4 | 97·3 | 79·1 | 136·0 | 76·7 | 0·771 | 66 | 234 | SW by W | 67 | ... | Cloudy : th. |
| 11 | 29·757 | 0·137 | 85·2 | 76·8 | 94·5 | 79·8 | 118·7 | 77·2 | 0·810 | 66 | 220 | S S W | 68 | ... | Cloudy : lg. W. |
| 12 | 29·766 | 0·137 | 85·5 | 76·2 | 94·9 | 79·9 | 139·2 | 75·2 | 0·779 | 63 | 167 | S W by S | 87 | ... | Cloudy. |
| 13 | 29·762 | 0·135 | 86·0 | 75·2 | 95·6 | 80·5 | 142·8 | 78·4 | 0·730 | 58 | 226 | S W | 98 | 0·45 | Overcast with rain. |
| 14 | 29·757 | 0·114 | 81·1 | 74·7 | 90·5 | 74·6 | 114·8 | 71·5 | 0·776 | 73 | 284 | W S W | 100 | 0·63 | Do. |
| 15 | 29·722 | 0·137 | 79·0 | 73·8 | 85·9 | 74·7 | 121·3 | 71·7 | 0·765 | 77 | 259 | S W by W | 100 | 0·10 | Do. |
| 16 | 29·719 | 0·088 | 77·2 | 74·0 | 83·9 | 75·2 | 112·6 | 72·4 | 0·798 | 85 | 210 | SW by W | 100 | 0·47 | Do. |
| 17 | 29·697 | 0·126 | 78·2 | 74·3 | 83·5 | 75·5 | 108·9 | 72·5 | 0·796 | 82 | 280 | S W | 100 | 0·04 | Do. |
| 18 | 29·688 | 0·114 | 82·1 | 73·9 | 91·9 | 76·0 | 135·5 | 73·3 | 0·727 | 66 | 293 | SW by W | 90 | ... | Cloudy. |
| 19 | 29·667 | 0·158 | 86·3 | 74·2 | 96·3 | 76·5 | 134·7 | 70·7 | 0·684 | 55 | 278 | S W by W | 37 | ... | Fine with passing clouds. |
| 20 | 29·637 | 0·156 | 87·2 | 75·5 | 97·9 | 80·0 | 138·5 | 75·7 | 0·726 | 57 | 262 | S W by W | 57 | ... | Passing clouds. |
| 21 | 29·667 | 0·116 | 86·1 | 75·8 | 95·7 | 81·5 | 131·3 | 78·3 | 0·754 | 60 | 272 | SW by W | 87 | ... | Cloudy. |
| 22 | 29·708 | 0·131 | 87·6 | 74·6 | 97·9 | 81·7 | 135·5 | 77·0 | 0·683 | 52 | 257 | S W by W | 70 | ... | Do. |
| 23 | 29·676 | 0·139 | 86·6 | 75·9 | 98·5 | 81·0 | 139·8 | 75·3 | 0·751 | 59 | 228 | SW by S | 57 | 0·02 | Passing clouds. |
| 24 | 29·681 | 0·113 | 87·2 | 76·4 | 97·2 | 81·7 | 137·5 | 76·2 | 0·765 | 59 | 219 | SW by S | 60 | ... | Hazy. |
| 25 | 29·693 | 0·109 | 87·2 | 76·1 | 98·9 | 81·3 | 141·0 | 76·4 | 0·752 | 58 | 218 | S by W | 53 | 0·15 | Passing clouds. |
| 26 | 29·723 | 0·104 | 86·4 | 76·7 | 95·2 | 80·3 | 138·9 | 75·5 | 0·789 | 63 | 171 | S by W | 53 | ... | Fine with passing clouds. |
| 27 | 29·713 | 0·158 | 88·3 | 76·0 | 98·5 | 79·7 | 139·7 | 73·4 | 0·733 | 55 | 213 | S S W | 57 | ... | Cloudy. |
| 28 | 29·689 | 0·124 | 86·9 | 75·3 | 99·1 | 82·9 | 139·2 | 77·2 | 0·722 | 57 | 242 | S W by S | 58 | ... | Passing clouds. |
| 29 | 29·680 | 0·142 | 87·9 | 76·7 | 99·6 | 82·9 | 139·2 | 78·2 | 0·769 | 58 | 218 | S W | 70 | ... | Cloudy. |
| 30 | 29·729 | 0·086 | 85·9 | 76·0 | 97·1 | 81·7 | 135·9 | 75·2 | 0·765 | 61 | 187 | S S W | 67 | ... | Do. |
| 31 | 219·70 | 0·171 | 85·9 | 77·3 | 99·7 | 78·6 | 143·0 | 74·3 | 0·822 | 66 | 249 | S S W | 33 | ... | Fine with passing clouds. |
| Mean | 29·724 | 0·122 | 85·6 | 76·1 | 95·5 | 80·0 | 135·3 | 76·0 | 0·775 | 63 | 223 | S W by S | 65 | 1·89 | |

## Madras Meteorological Observations. 1867—August.

| August 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·676 | 0·177 | 85·1 | 76·3 | 91·2 | 81·1 | 121·7 | 76·7 | 0·789 | 65 | 167 | S W by W | 83 | ... | Cloudy : lg. S. |
| 2 | 29·704 | 0·077 | 82·1 | 74·3 | 90·1 | 78·4 | 124·3 | 73·3 | 0·744 | 68 | 166 | West | 100 | 0·11 | Overcast. |
| 3 | 29·704 | 0·123 | 83·3 | 74·3 | 94·9 | 78·7 | 136·6 | 73·6 | 0·728 | 63 | 174 | S W | 92 | ... | Cloudy. |
| 4 | 29·736 | 0·128 | 84·7 | 74·6 | 97·8 | 78·7 | 141·9 | 72·4 | 0·722 | 61 | 184 | S W by W | 67 | 0·05 | Passing clouds. |
| 5 | 29·752 | 0·148 | 85·9 | 75·9 | 99·0 | 78·8 | 144·8 | 76·4 | 0·761 | 61 | 228 | S W | 73 | ... | Cloudy. |
| 6 | 29·734 | 0·148 | 86·8 | 76·3 | 98·4 | 82·5 | 138·5 | 77·3 | 0·766 | 60 | 221 | S W by S | 50 | ... | Hazy : lg. E. |
| 7 | 29·734 | 0·134 | 87·2 | 76·9 | 97·4 | 82·7 | 147·8 | 78·0 | 0·787 | 61 | 227 | S by W | 57 | ... | Passing clouds : lg. E. |
| 8 | 29·744 | 0·128 | 87·0 | 75·2 | 97·2 | 81·7 | 144·2 | 76·1 | 0·716 | 56 | 190 | South | 60 | ... | Hazy. |
| 9 | 29·754 | 0·156 | 84·5 | 77·2 | 96·0 | 79·5 | 146·2 | 74·2 | 0·836 | 71 | 159 | S by W | 80 | 0·02 | Cloudy. |
| 10 | 29·758 | 0·145 | 81·2 | 77·0 | 89·5 | 75·7 | 135·2 | 73·4 | 0·872 | 82 | 157 | S S W | 77 | 1·63 | Cloudy with rain. |
| 11 | 29·693 | 0·159 | 86·3 | 77·6 | 96·1 | 79·7 | 136·0 | 76·8 | 0·830 | 66 | 194 | S S W | 73 | ... | Cloudy. |
| 12 | 29·672 | 0·110 | 84·4 | 76·6 | 94·0 | 80·3 | 126·4 | 75·8 | 0·812 | 69 | 196 | S S W | 100 | ... | Overcast : lg. S. |
| 13 | 29·699 | 0·113 | 84·8 | 76·4 | 94·8 | 79·7 | 129·0 | 74·8 | 0·797 | 66 | 235 | S W by S | 97 | 0·02 | Do. |
| 14 | 29·707 | 0·130 | 83·9 | 76·8 | 94·4 | 78·8 | 135·0 | 73·5 | 0·827 | 72 | 250 | S S W | 100 | ... | Do. |
| 15 | 29·707 | 0·133 | 84·9 | 76·0 | 93·3 | 78·8 | 129·4 | 73·4 | 0·778 | 64 | 285 | S by W | 93 | ... | Cloudy. |
| 16 | 29·760 | 0·113 | 84·6 | 75·3 | 96·1 | 78·7 | 137·7 | 73·4 | 0·753 | 63 | 290 | S S W | 77 | ... | Do. |
| 17 | 29·799 | 0·124 | 85·3 | 76·4 | 95·5 | 78·7 | 136·6 | 73·7 | 0·790 | 64 | 239 | S by W | 43 | ... | Fine with passing clouds. |
| 18 | 29·812 | 0·132 | 84·1 | 77·3 | 94·4 | 78·6 | 136·2 | 73·8 | 0·846 | 72 | 208 | S by W | 70 | 0·03 | Hazy. |
| 19 | 29·813 | 0·151 | 83·9 | 76·0 | 91·1 | 78·7 | 131·9 | 73·4 | 0·792 | 68 | 197 | S S W | 100 | ... | Overcast. |
| 20 | 29·778 | 0·156 | 85·9 | 75·1 | 94·2 | 78·9 | 134·6 | 75·0 | 0·727 | 57 | 199 | S W | 97 | ... | Overcast : lg. S. W. |
| 21 | 29·758 | 0·153 | 85·5 | 75·5 | 95·1 | 78·7 | 136·9 | 74·0 | 0·750 | 61 | 204 | S W by S | 78 | ... | Cloudy : lg. S. W. |
| 22 | 29·751 | 0·126 | 85·7 | 76·0 | 97·0 | 78·7 | 142·6 | 73·6 | 0·768 | 62 | 232 | S W by S | 27 | 0·06 | F. with p. cls. : th. and lg. N. W. |
| 23 | 29·758 | 0·133 | 84·6 | 76·0 | 96·0 | 77·9 | 137·1 | 72·9 | 0·783 | 66 | 266 | S W | 40 | 2·15 | F. with p. cls. : th. & lg. N. W. : rain. |
| 24 | 29·764 | 0·132 | 81·6 | 77·6 | 90·0 | 72·3 | 134·6 | 71·4 | 0·893 | 83 | 166 | S W by S | 57 | 2·03 | F. with p. cl. : th. and lg. : rain. |
| 25 | 29·739 | 0·122 | 82·8 | 77·1 | 90·2 | 76·9 | 137·5 | 73·7 | 0·855 | 76 | 191 | South | 67 | ... | Cloudy : lg. S. W. |
| 26 | 29·717 | 0·135 | 83·0 | 77·6 | 92·8 | 76·4 | 135·3 | 74·4 | 0·875 | 77 | 166 | South | 57 | ... | Passing clouds : lg. S. W. |
| 27 | 29·746 | 0·122 | 83·0 | 77·2 | 91·1 | 77·7 | 141·6 | 73·4 | 0·857 | 76 | 168 | S by W | 50 | ... | Passing clouds : lg. W. |
| 28 | 29·734 | 0·131 | 84·6 | 77·5 | 93·4 | 77·9 | 140·5 | 73·8 | 0·849 | 72 | 180 | S S W | 40 | ... | Passing clouds : lg. S. and S. W. |
| 29 | 29·713 | 0·140 | 84·9 | 77·7 | 90·8 | 78·1 | 125·4 | 74·3 | 0·854 | 71 | 190 | S S W | 63 | ... | Passing clouds. |
| 30 | 29·698 | 0·139 | 83·8 | 76·4 | 94·8 | 78·8 | 145·9 | 74·3 | 0·811 | 69 | 207 | S W by W | 67 | 0·34 | Cloudy : th. and lg. : rain |
| 31 | 29·687 | 0·158 | 84·5 | 76·6 | 93·6 | 79·0 | 136·4 | 74·9 | 0·810 | 68 | 210 | W by S | 87 | 0·26 | Do. do. do. |
| Mean | 29·736 | 0·135 | 84·5 | 76·3 | 94·2 | 78·7 | 136·1 | 74·4 | 0·799 | 67 | 205 | S W by S | 72 | 6·70 | |

# Madras Meteorological Observations. 1867—September.

| September 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Hum-idity | Daily Velo-city | Mean Direc-tion | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·711 | 0·120 | 81·7 | 76·3 | 87·2 | 78·4 | 115·4 | 74·4 | 0·835 | 77 | 174 | W by S | 100 | 0·21 | Overcast : lg. S. |
| 2 | 29·676 | 0·109 | 83·7 | 75·8 | 89·6 | 77·5 | 138·9 | 73·6 | 0·787 | 63 | 163 | W by N | 95 | ... | Overcast. |
| 3 | 29·663 | 0·150 | 85·6 | 76·3 | 94·4 | 78·9 | 137·8 | 72·8 | 0·781 | 63 | 198 | S W by W | 80 | ... | Cloudy. |
| 4 | 29·695 | 0·146 | 85·3 | 76·3 | 95·3 | 78·6 | 139·2 | 72·3 | 0·786 | 64 | 188 | S W by W | 53 | ... | Passing clouds. |
| 5 | 29·738 | 0·153 | 85·7 | 77·8 | 95·3 | 78·9 | 138·7 | 74·0 | 0·847 | 68 | 178 | S W by S | 67 | ... | Passing clouds : lg. |
| 6 | 29·754 | 0·150 | 84·7 | 77·6 | 95·6 | 78·4 | 139·3 | 73·6 | 0·853 | 72 | 186 | S W by S | 60 | ... | Passing clouds. |
| 7 | 29·791 | 0·127 | 78·7 | 74·9 | 81·9 | 76·6 | 99·3 | 73·4 | 0·815 | 83 | 229 | W by S | 93 | 0·32 | Cloudy : rain. |
| 8 | 29·740 | 0·143 | 82·1 | 76·7 | 88·5 | 74·7 | 117·4 | 72·1 | 0·848 | 77 | 146 | West | 100 | 0·14 | Overcast. |
| 9 | 29·686 | 0·154 | 83·7 | 77·3 | 93·5 | 78·4 | 137·1 | 74·3 | 0·851 | 73 | 157 | West | 73 | 0·11 | Cloudy : th. : lg. N. E. |
| 10 | 29·692 | 0·127 | 80·4 | 76·6 | 85·5 | 76·8 | 105·5 | 74·2 | 0·866 | 84 | 163 | S W by W | 90 | 0·11 | Cloudy. |
| 11 | 29·711 | 0·112 | 82·0 | 76·7 | 85.9 | 78·0 | 101·0 | 75·2 | 0·849 | 78 | 132 | West | 90 | ... | Do. |
| 12 | 29·710 | 0·098 | 80·6 | 76·1 | 90·8 | 75·9 | 136·5 | 71·8 | 0·841 | 80 | 170 | S W by S | 90 | 0·54 | Cloudy : rain. |
| 13 | 29·689 | 0·112 | 81·4 | 75·4 | 87·8 | 75·6 | 132·4 | 72·9 | 0·801 | 74 | 227 | W N W | 95 | 0·23 | Do. do. |
| 14 | 29·659 | 0·144 | 84·0 | 74·8 | 89·1 | 78·7 | 119·5 | 75·0 | 0·739 | 63 | 221 | W by N | 90 | ... | Cloudy. |
| 15 | 29·694 | 0·089 | 81·1 | 73·9 | 86·3 | 77·8 | 117·8 | 72·1 | 0·740 | 70 | 176 | N W by W | 100 | 0·01 | Overcast. |
| 16 | 29·691 | 0·128 | 83·7 | 73·5 | 91·1 | 77·7 | 127·0 | 72·5 | 0·690 | 60 | 198 | W N W | 93 | ... | Cloudy. |
| 17 | 29·715 | 0·137 | 86·2 | 73·3 | 94·4 | 79·7 | 137·1 | 73·3 | 0·647 | 51 | 271 | W by S | 73 | ... | Do. |
| 18 | 29·757 | 0·148 | 85·3 | 74·4 | 94·7 | 78·9 | 136·3 | 72·5 | 0·706 | 58 | 266 | W by S | 53 | 0·04 | Passing clouds. |
| 19 | 29·796 | 0·118 | 85·4 | 74·7 | 93·6 | 78·3 | 135·2 | 70·7 | 0·717 | 59 | 193 | S W by S | 60 | ... | Do. |
| 20 | 29·810 | 0·127 | 84·9 | 76·9 | 95·5 | 79·1 | 141·5 | 73·9 | 0·818 | 68 | 163 | S by W | 60 | ... | Hazy : lg : S. W. |
| 21 | 29·842 | 0·124 | 85·1 | 77·4 | 93·2 | 79·5 | 133·3 | 74·4 | 0·837 | 69 | 162 | S S W | 82 | ... | Cloudy : th. and lg. |
| 22 | 29·870 | 0·143 | 84·1 | 77·3 | 92·7 | 78·4 | 139·8 | 73·3 | 0·846 | 71 | 128 | S W | 73 | 0·07 | Cloudy : lg. S. |
| 23 | 29·853 | 0·124 | 82·5 | 76·9 | 94·1 | 76·4 | 143·9 | 73·4 | 0·851 | 77 | 187 | S S W | 63 | 0·06 | Passing clouds. |
| 24 | 29·830 | 0·134 | 82·2 | 76·5 | 94·6 | 74·7 | 138·0 | 71·8 | 0·837 | 76 | 189 | S W by S | 30 | 0·40 | Fine with passing clouds : lg. S. : rain |
| 25 | 29·802 | 0·152 | 84·0 | 74·2 | 93·6 | 75·5 | 136·2 | 71·9 | 0·715 | 61 | 174 | S W by W | 27 | 0·04 | Fine with passing clouds. |
| 26 | 29·798 | 0·127 | 84·9 | 74·1 | 93·5 | 78·0 | 133·9 | 70·5 | 0·698 | 58 | 203 | W S W | 15 | ... | Fine. |
| 27 | 29·803 | 0·142 | 85·1 | 75·2 | 93·2 | 78·6 | 144·4 | 71·7 | 0·742 | 61 | 151 | S S W | 40 | ... | Passing clouds. |
| 28 | 29·784 | 0·139 | 85·5 | 75·7 | 93·2 | 79·9 | 125·4 | 72·6 | 0·758 | 62 | 137 | S W by S | 83 | ... | Cloudy : lg. S. W. |
| 29 | 29·763 | 0·138 | 80·8 | 77·2 | 85·4 | 77·1 | 97·7 | 73·7 | 0·887 | 85 | 50 | S W by W | 100 | 0·15 | Overcast. |
| 30 | 29·719 | 0·127 | 84·6 | 74·8 | 92·9 | 78·6 | 133·7 | 72·7 | 0·731 | 61 | 193 | S W | 80 | ... | Cloudy. |
| Mean | 29·748 | 0·131 | 83·5 | 75·8 | 91·4 | 77·8 | 129·4 | 73·0 | 0·791 | 69 | 179 | W S W | 74 | 2·43 | |

# Madras Meteorological Observations. 1867—October.

| October 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·777 | 0·126 | 84·3 | 75·1 | 94·0 | 77·6 | 142·7 | 71·1 | 0·748 | 63 | 177 | S by W | 17 | ... | Fine. |
| 2 | 29·854 | 0·120 | 83·9 | 75·1 | 91·0 | 77·7 | 138·1 | 69·1 | 0·754 | 64 | 162 | S by E | 2 | ... | Clear. |
| 3 | 29·898 | 0·140 | 82·7 | 76·6 | 90·2 | 77·9 | 141·0 | 72·2 | 0·835 | 75 | 103 | S by E | 27 | ... | Fine with passing clouds. |
| 4 | 29·891 | 0·119 | 83·1 | 76·1 | 89·9 | 76·9 | 136·2 | 71·3 | 0·807 | 71 | 103 | S E | 53 | ... | Passing clouds. |
| 5 | 29·905 | 0·118 | 83·3 | 76·3 | 90·3 | 78·1 | 140·9 | 72·4 | 0·813 | 71 | 111 | S S E | 33 | ... | Fine with passing clouds. |
| 6 | 29·900 | 0·147 | 83·0 | 76·0 | 89·4 | 77·8 | 136·6 | 73·2 | 0·804 | 71 | 147 | South | 33 | ... | Do. |
| 7 | 29·871 | 0·184 | 82·6 | 75·1 | 89·7 | 75·8 | 141·9 | 68·5 | 0·771 | 69 | 144 | S S E | 13 | ... | Fine. |
| 8 | 29·854 | 0·150 | 83·7 | 76·1 | 89·9 | 78·0 | 135·1 | 72·4 | 0·800 | 69 | 128 | South | 43 | ... | Passing clouds : th. and lg. N. W. |
| 9 | 29·865 | 0·143 | 81·5 | 75·3 | 89·1 | 77·1 | 141·3 | 71·4 | 0·795 | 74 | 89 | S W | 53 | 0·54 | Passing clouds : th. and lg. |
| 10 | 29·830 | 0·135 | 79·7 | 75·5 | 84·0 | 76·5 | 121·7 | 74·2 | 0·828 | 81 | 63 | N by E | 60 | 0·36 | Passing clouds. |
| 11 | 29·781 | 0·152 | 80·1 | 75·3 | 86·7 | 75·2 | 132·4 | 70·7 | 0·814 | 79 | 122 | N N E | 87 | ... | Cloudy. |
| 12 | 29·748 | 0·121 | 78·2 | 74·9 | 85·4 | 74·7 | 131·1 | 71·3 | 0·822 | 85 | 168 | N by W | 90 | 0·16 | Do. |
| 13 | 29·810 | 0·096 | 81·0 | 75·6 | 87·1 | 73·9 | 137·8 | 70·2 | 0·813 | 77 | 123 | S S W | 37 | ... | Fine with passing clouds. |
| 14 | 29·873 | 0·081 | 82·3 | 76·8 | 87·3 | 76·2 | 133·0 | 73·3 | 0·849 | 77 | 86 | S E | 57 | 0·03 | Hazy : lg. S. W. |
| 15 | 29·886 | 0·116 | 80·4 | 76·2 | 87·1 | 76·0 | 135·1 | 72·7 | 0·848 | 81 | 90 | E S E | 73 | 0·11 | Cloudy : lg. W. |
| 16 | 29·857 | 0·126 | 79·5 | 75·2 | 87·2 | 75·1 | 134·7 | 72·2 | 0·818 | 81 | 136 | N E by N | 77 | 0·39 | Cloudy : th. lg. and rain. |
| 17 | 29·803 | 0·135 | 77·0 | 73·9 | 79·7 | 75·0 | 91·2 | 72·6 | 0·797 | 86 | 126 | N W by N | 97 | 0·37 | Overcast : rain. |
| 18 | 29·723 | 0·076 | 77·9 | 73·6 | 81·5 | 73·9 | 92·7 | 71·0 | 0·772 | 81 | 129 | W by N | 97 | 0·01 | Overcast. |
| 19 | 29·786 | 0·083 | 79·3 | 75·8 | 86·3 | 75·4 | 125·1 | 70·3 | 0·846 | 85 | 129 | S by W | 75 | ... | Cloudy. |
| 20 | 29·868 | 0·104 | 82·3 | 77·5 | 87·1 | 77·3 | 131·6 | 73·3 | 0·880 | 80 | 107 | S E by S | 30 | ... | Passing clouds. |
| 21 | 29·852 | 0·132 | 81·2 | 76·7 | 86·7 | 77·1 | 136·1 | 72·6 | 0·859 | 81 | 104 | E by S | 27 | 0·01 | Fine with passing clouds. |
| 22 | 29·823 | 0·126 | 80·6 | 77·2 | 85·2 | 76·4 | 136·5 | 72·2 | 0·889 | 85 | 75 | N E | 37 | 0·10 | Fine with passing clouds : th. |
| 23 | 29·871 | 0·100 | 81·4 | 76·7 | 87·2 | 76·0 | 140·8 | 73·2 | 0·856 | 80 | 117 | E N E | 57 | 0·12 | Passing clouds. |
| 24 | 29·890 | 0·100 | 82·1 | 76·9 | 86·5 | 77·0 | 134·7 | 73·4 | 0·857 | 78 | 236 | N E | 53 | 0·29 | Do. |
| 25 | 29·909 | 0·125 | 80·7 | 76·5 | 86·1 | 76·0 | 132·2 | 73·4 | 0·857 | 82 | 121 | E N E | 67 | 0·62 | Cloudy : rain. |
| 26 | 29·900 | 0·133 | 79·8 | 75·7 | 84·8 | 75·5 | 135·3 | 72·4 | 0·835 | 82 | 119 | N N E | 50 | 0·28 | Passing clouds : rain. |
| 27 | 29·888 | 0·125 | 79·7 | 75·2 | 85·5 | 74·4 | 134·3 | 71·6 | 0·815 | 80 | 92 | N E by N | 37 | ... | Fine with passing clouds. |
| 28 | 29·869 | 0·114 | 80·0 | 75·5 | 86·8 | 75·6 | 134·2 | 71·2 | 0·824 | 80 | 108 | N by E | 50 | ... | Passing clouds. |
| 29 | 29·854 | 0·110 | 80·9 | 75·3 | 86·9 | 75·4 | 132·1 | 71·4 | 0·803 | 76 | 173 | North | 30 | ... | Fine with passing clouds. |
| 30 | 29·837 | 0·112 | 80·2 | 73·8 | 86·7 | 75·7 | 134·5 | 69·7 | 0·749 | 72 | 175 | North | 27 | ... | Do. |
| 31 | 29·808 | 0·133 | 77·4 | 63·8 | 84·9 | 70·8 | 130·6 | 62·3 | 0·412 | 44 | 228 | N by W | 43 | ... | Hazy. |
| Mean | 29·848 | 0·122 | 81·0 | 75·3 | 87·1 | 76·0 | 132·3 | 71·5 | 0·805 | 76 | 129 | East | 49 | 3·39 | |

# Madras Meteorological Observations. 1867—November.

| November 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·828 | 0·130 | 75·0 | 62·1 | 85·3 | 67·9 | 134·4 | 55·5 | 0·387 | 44 | 168 | N W | 50 | ... | Hazy : th. and lg. N. |
| 2 | 29·857 | 0·119 | 75·3 | 64·1 | 86·1 | 65·4 | 130·6 | 54·1 | 0·450 | 51 | 92 | N W by N | 30 | ... | Hazy : lg. N. |
| 3 | 29·921 | 0·107 | 76·3 | 66·8 | 86·7 | 68·1 | 132·2 | 61·2 | 0·531 | 59 | 90 | S E by E | 22 | ... | Fine : lg. N. |
| 4 | 29·970 | 0·098 | 76·4 | 69·6 | 84·4 | 69·3 | 129·7 | 60·6 | 0·633 | 70 | 96 | E N E | 30 | ... | Fine with light haze. |
| 5 | 29·966 | 0·126 | 77·9 | 71·3 | 85·3 | 70·3 | 133·5 | 62·1 | 0·680 | 71 | 116 | N E by E | 57 | ... | Hazy. |
| 6 | 29·922 | 0·130 | 79·9 | 74·2 | 86·3 | 73·6 | 136·2 | 68·3 | 0·770 | 75 | 228 | N N E | 53 | ... | Passing clouds. |
| 7 | 29·957 | 0·108 | 78·3 | 73·6 | 83·2 | 74·6 | 119·0 | 73·7 | 0·766 | 79 | 200 | N N E | 87 | 0·11 | Cloudy. |
| 8 | 29·983 | 0·080 | 80·7 | 72·9 | 84·0 | 77·0 | 111·9 | 72·4 | 0·705 | 67 | 289 | N N E | 90 | ... | Do. |
| 9 | 29·954 | 0·130 | 77·1 | 69·3 | 84·9 | 73·9 | 130·3 | 70·6 | 0·613 | 66 | 242 | North | 80 | ... | Hazy. |
| 10 | 29·935 | 0·157 | 76·9 | 64·7 | 87·4 | 70·8 | 137·4 | 66·1 | 0·449 | 49 | 178 | N by W | 53 | ... | Passing clouds. |
| 11 | 29·895 | 0·167 | 76·3 | 65·7 | 87·1 | 66·2 | 130·8 | 55·1 | 0·492 | 55 | 103 | N W by N | 13 | ... | Fine. |
| 12 | 29·881 | 0·136 | 76·9 | 69·4 | 88·1 | 67·0 | 137·0 | 58·3 | 0·619 | 67 | 145 | N N W | 12 | ... | Do. |
| 13 | 29·991 | 0·089 | 78·3 | 73·8 | 84·0 | 73·6 | 129·7 | 67·9 | 0·775 | 80 | 96 | N E by N | 40 | 0·24 | Showery. |
| 14 | 30·037 | 0·102 | 79·1 | 73·8 | 84·8 | 75·1 | 137·7 | 71·0 | 0·764 | 77 | 126 | N E by N | 50 | ... | Passing clouds. |
| 15 | 29·991 | 0·133 | 77·3 | 70·6 | 84·5 | 70·1 | 132·5 | 64·7 | 0·661 | 71 | 149 | N E | 10 | ... | Fine. |
| 16 | 29·985 | 0·144 | 77·3 | 67·4 | 84·2 | 68·1 | 130·9 | 58·9 | 0·539 | 57 | 162 | N E | 0 | ... | Clear. |
| 17 | 30·023 | 0·110 | 76·2 | 66·2 | 84·5 | 66·8 | 134·2 | 61·1 | 0·511 | 56 | 150 | N E | 0 | ... | Do. |
| 18 | 30·069 | 0·113 | 76·0 | 66·7 | 83·7 | 67·7 | 138·3 | 57·0 | 0·531 | 59 | 150 | N E by N | 33 | ... | Fine with light clouds. |
| 19 | 30·084 | 0·111 | 75·5 | 66·3 | 84·4 | 67·7 | 139·2 | 60·5 | 0·524 | 59 | 164 | N N E | 33 | ... | Do. |
| 20 | 30·069 | 0·094 | 77·3 | 68·2 | 83·4 | 71·8 | 134·5 | 66·7 | 0·570 | 61 | 199 | N E by N | 50 | ... | Passing clouds. |
| 21 | 30·055 | 0·132 | 75·8 | 66·5 | 83·1 | 68·3 | 135·5 | 60·6 | 0·527 | 59 | 183 | N E | 43 | ... | Do. |
| 22 | 30·048 | 0·110 | 75·3 | 66·8 | 83·0 | 65·8 | 132·2 | 55·7 | 0·545 | 62 | 140 | N E by N | 15 | ... | Fine. |
| 23 | 30·067 | 0·088 | 77·8 | 70·7 | 83·2 | 70·8 | 131·2 | 64·5 | 0·658 | 70 | 228 | N E by N | 43 | ... | Passing clouds. |
| 24 | 30·061 | 0·103 | 78·7 | 72·6 | 84·5 | 72·6 | 138·2 | 70·6 | 0·721 | 74 | 211 | N E | 63 | 0·08 | Do. |
| 25 | 30·015 | 0·117 | 74·7 | 72·2 | 77·2 | 73·6 | 101·5 | 69·6 | 0·758 | 88 | 104 | N E by N | 93 | 0·73 | Cloudy : rain. |
| 26 | 30·029 | 0·114 | 74·7 | 71·9 | 79·4 | 71·0 | 131·0 | 69·6 | 0·746 | 87 | 145 | N by E | 98 | 1·04 | Overcast : rain. |
| 27 | 30·058 | 0·099 | 77·8 | 72·5 | 81·5 | 74·7 | 131·2 | 72·1 | 0·729 | 77 | 291 | N E by N | 83 | 0·02 | Cloudy. |
| 28 | 30·062 | 0·119 | 75·2 | 72·3 | 80·4 | 74·6 | 126·6 | 72·5 | 0·755 | 86 | 294 | N E by N | 97 | 1·04 | Overcast : rain. |
| 29 | 30·047 | 0·108 | 75·8 | 72·5 | 81·4 | 73·3 | 130·7 | 70·3 | 0·756 | 85 | 233 | N E | 70 | 0·47 | Cloudy : rain. |
| 30 | 30·063 | 0·095 | 73·4 | 71·7 | 78·1 | 71·5 | 98·7 | 68·4 | 0·755 | 92 | 214 | N E by E | 97 | 3·64 | Overcast : rain. |
| Mean | 29·994 | 0·116 | 76·8 | 69·5 | 83·8 | 70·7 | 129·9 | 64·7 | 0·631 | 68 | 173 | N E by N | 50 | 7·37 | |

# Madras Meteorological Observations. 1867—December.

| December 1867 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches. | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents. | Miles | Points | Cents | Inches | |
| 1 | 30·066 | 0·111 | 75·6 | 70·3 | 80·4 | 70·6 | 127·5 | 69·2 | 0·672 | 76 | 235 | N E by N | 57 | 0·03 | Cloudy. |
| 2 | 30·047 | 0·106 | 75·0 | 69·4 | 79·7 | 70·7 | 123·8 | 63·3 | 0·645 | 74 | 198 | N E by N | 23 | ... | Fine with passing clouds. |
| 3 | 30·046 | 0·084 | 73·9 | 70·8 | 79·6 | 70·8 | 126·2 | 67·0 | 0·714 | 86 | 205 | N by E | 93 | 0·11 | Cloudy. |
| 4 | 30·050 | 0·118 | 76·7 | 71·9 | 81·5 | 73·7 | 128·5 | 69·8 | 0·719 | 78 | 233 | N E | 67 | ... | Passing clouds. |
| 5 | 30·026 | 0·125 | 77·1 | 72·6 | 81·9 | 72·9 | 128·6 | 68·3 | 0·742 | 80 | 217 | N E by N | 67 | 0·06 | Do. |
| 6 | 29·993 | 0·116 | 76·6 | 70·8 | 80·5 | 72·3 | 125·0 | 69·0 | 0·677 | 74 | 259 | N N E | 60 | ... | Do. |
| 7 | 29·984 | 0·070 | 76·0 | 70·4 | 80·6 | 71·0 | 130·0 | 64·9 | 0·670 | 75 | 249 | N E by N | 47 | ... | Do. |
| 8 | 30·005 | 0·118 | 77·8 | 71·5 | 81·6 | 75·0 | 128·6 | 69·0 | 0·689 | 73 | 320 | N E | 40 | ... | Light clouds. |
| 9 | 30·008 | 0·102 | 77·2 | 70·0 | 80·9 | 75·1 | 126·8 | 70·0 | 0·638 | 68 | 306 | N E | 37 | ... | Passing clouds. |
| 10 | 30·037 | 0·122 | 76·4 | 68·8 | 81·3 | 72·8 | 130·2 | 66·1 | 0·603 | 67 | 245 | N E by E | 40 | ... | Do. |
| 11 | 30·023 | 0·116 | 75·7 | 68·6 | 80·7 | 68·9 | 129·5 | 61·6 | 0·605 | 69 | 223 | N E | 43 | ... | Do. |
| 12 | 30·022 | 0·095 | 75·0 | 67·8 | 80·2 | 69·2 | 127·5 | 60·0 | 0·585 | 67 | 189 | N E | 23 | ... | Fine with passing clouds. |
| 13 | 30·033 | 0·117 | 74·7 | 67·2 | 79·7 | 68·6 | 127·1 | 61·1 | 0·568 | 66 | 213 | N E | 20 | ... | Do. |
| 14 | 30·040 | 0·121 | 74·2 | 66·0 | 79·6 | 67·9 | 125·3 | 60·3 | 0·531 | 62 | 218 | N E | 30 | ... | Do. |
| 15 | 30·046 | 0·111 | 72·1 | 64·7 | 79·5 | 64·5 | 124·7 | 55·2 | 0·513 | 65 | 281 | N E by N | 27 | ... | Light clouds. |
| 16 | 30·052 | 0·117 | 73·9 | 65·7 | 79·8 | 66·9 | 124·9 | 60·7 | 0·524 | 62 | 246 | N E by N | 23 | ... | Do. |
| 17 | 30·049 | 0·082 | 73·7 | 66·2 | 79·8 | 65·2 | 126·5 | 55·7 | 0·545 | 65 | 210 | N E by N | 35 | ... | Do. |
| 18 | 30·037 | 0·136 | 74·4 | 67·3 | 80·6 | 68·3 | 128·7 | 62·4 | 0·575 | 68 | 198 | N N E | 23 | ... | Do. |
| 19 | 30·034 | 0·137 | 71·4 | 66·3 | 80·4 | 64·9 | 131·7 | 55·4 | 0·580 | 75 | 156 | N by E | 7 | ... | Fine. |
| 20 | 30·006 | 0·116 | 71·6 | 65·5 | 80·3 | 65·3 | 131·1 | 57·1 | 0·549 | 71 | 154 | N by E | 10 | ... | Do. |
| 21 | 29·984 | 0·127 | 71·9 | 65·5 | 79·7 | 63·2 | 127·2 | 53·1 | 0·544 | 69 | 177 | N N E | 0 | ... | Clear. |
| 22 | 30·012 | 0·117 | 73·9 | 67·9 | 81·7 | 65·2 | 134·5 | 56·3 | 0·604 | 72 | 180 | N by E | 3 | .. | Do. |
| 23 | 30·032 | 0·121 | 73·7 | 68·0 | 80·9 | 66·7 | 126·6 | 56·9 | 0·610 | 73 | 190 | N by E | 3 | ... | Do. |
| 24 | 29·997 | 0·117 | 75·6 | 70·6 | 81·7 | 70·8 | 129·4 | 65·1 | 0·683 | 77 | 133 | N E | 17 | ... | Fine. |
| 25 | 29·992 | 0·133 | 74·9 | 71·7 | 79·6 | 71·9 | 109·1 | 65·7 | 0·735 | 85 | 144 | N E by N | 65 | 0·14 | Passing clouds. |
| 26 | 30·008 | 0·114 | 74·5 | 71·1 | 78·5 | 72·3 | 130·0 | 69·1 | 0·717 | 84 | 209 | N E by N | 80 | 0·04 | Cloudy. |
| 27 | 30·032 | 0·113 | 75·1 | 70·4 | 81·2 | 71·2 | 134·9 | 66·3 | 0·682 | 78 | 139 | N E by E | 63 | ... | Do. |
| 28 | 30·042 | 0·108 | 75·2 | 69·6 | 80·4 | 70·0 | 126·9 | 63·5 | 0·650 | 75 | 151 | N E by E | 27 | ... | Fine with passing clouds. |
| 29 | 30·041 | 0·113 | 74·8 | 69·0 | 80·4 | 68·6 | 130·6 | 60·8 | 0·632 | 73 | 172 | N E | 27 | ... | Do. |
| 30 | 30·046 | 0·105 | 74·5 | 67·7 | 80·3 | 67·5 | 128·7 | 58·0 | 0·588 | 69 | 172 | N E | 27 | ... | Do. |
| 31 | 30·338 | 0·127 | 74·1 | 68·1 | 80·0 | 67·9 | 131·4 | 60·1 | 0·608 | 72 | 163 | N E | 20 | ... | Do. |
| Mean | 30·027 | 0·113 | 74·7 | 68·8 | 80·4 | 69·4 | 127·8 | 62·6 | 0·626 | 73 | 203 | N E by N | 36 | 0·38 | |

## Madras Mean Monthly and Annual Meteorological Results in 1867.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·021 | 0·119 | 74·7 | 80·7 | 69·0 | 11·7 | 69·3 | 66·5 | 0·646 | 75 | 131·0 | 62·0 | 144 | 7 | E by N | 0·17 | 4 | 72 |
| February | 29·965 | 0·123 | 76·4 | 83·7 | 69·2 | 14·5 | 71·0 | 67·2 | 0·690 | 76 | 132·0 | 61·8 | 127 | 11 | S E by E | ... | ... | 76 |
| March | 29·936 | 0·123 | 79·6 | 86·7 | 72·1 | 14·6 | 72·2 | 68·8 | 0·696 | 69 | 136·5 | 65·0 | 158 | 12 | S E | ... | ... | 76 |
| April | 29·857 | 0·133 | 84·4 | 91·4 | 77·7 | 13·7 | 77·1 | 74·3 | 0·832 | 70 | 140·3 | 72·5 | 169 | 13 | S E by S | 0·11 | 2 | 67 |
| May | 29·718 | 0·127 | 88·3 | 98·2 | 81·8 | 16·4 | 78·3 | 75·1 | 0·837 | 63 | 141·8 | 78·1 | 227 | 15 | S by E | 0·07 | 1 | 52 |
| June | 29·688 | 0·134 | 88·8 | 100·8 | 82·6 | 18·2 | 76·9 | 73·4 | 0·765 | 56 | 144·0 | 78·7 | 265 | 19 | S W by S | 1·86 | 10 | 44 |
| July | 29·724 | 0·122 | 85·6 | 95·5 | 80·0 | 15·5 | 76·1 | 73·3 | 0·775 | 63 | 135·3 | 76·0 | 223 | 19 | S W by S | 1·89 | 9 | 35 |
| August | 29·736 | 0·135 | 84·5 | 94·2 | 78·7 | 15·5 | 76·3 | 73·2 | 0·799 | 67 | 136·1 | 74·4 | 205 | 19 | S W by S | 6·70 | 11 | 28 |
| September | 29·748 | 0·131 | 83·5 | 91·4 | 77·8 | 13·6 | 75·8 | 72·6 | 0·791 | 69 | 129·4 | 73·0 | 179 | 22 | W S W | 2·43 | 14 | 26 |
| October | 29·848 | 0·122 | 81·0 | 87·1 | 76·0 | 11·1 | 75·3 | 73·0 | 0·805 | 76 | 132·3 | 71·5 | 129 | 8 | East | 3·39 | 14 | 51 |
| November | 29·994 | 0·116 | 76·8 | 83·8 | 70·7 | 13·1 | 69·5 | 66·6 | 0·631 | 68 | 129·0 | 64·7 | 173 | 3 | N E by N | 7·37 | 9 | 50 |
| December | 30·027 | 0·113 | 74·7 | 80·4 | 69·4 | 11·0 | 68·8 | 66·3 | 0·626 | 73 | 127·8 | 62·6 | 203 | 3 | N E by N | 0·38 | 5 | 64 |
| Annual | 29·855 | 0·125 | 81·5 | 89·5 | 75·4 | 14·1 | 73·9 | 70·9 | 0·741 | 69 | 134·7 | 70·0 | 184 | 13 | S E by S | 24·37 | 79 | 53 |

## Madras Extreme Monthly Meteorological Records in 1867.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·149 | 20 | 29·921 | 8 | 0·228 | 83·8 | 8 | 63·7 | 24 | 63·9 | 23 | 56 | 3 | 138·8 | 8 | 55·1 | 23 | 286 | 12 | 70 | 22 | 0·07 | 13 |
| February | 30·088 | 26 | 29·798 | 13 | 0·290 | 88·2 | 14 | 64·7 | 22 | 62·9 | 22 | 37 | 14 | 136·1 | 8 | 55·9 | 22 | 190 | 5 | 73 | 28 | ... | ... |
| March | 30·072 | 9 | 29·774 | 21 | 0·298 | 90·1 | 21 | 63·9 | 2 | 60·9 | 2 | 27 | 1 | 142·0 | 10 | 55·2 | 2 | 225 | 18 | 101 | 11 | ... | ... |
| April | 29·992 | 9 | 29·744 | 3 | 0·248 | 94·5 | 15 | 74·0 | 3 | 69·7 | 10 | 48 | 11 | 149·9 | 30 | 66·4 | 4 | 244 | 22 | 118 | 2 | 0·10 | 9 |
| May | 29·891 | 3 | 29·580 | 30 | 0·311 | 107·1 | 28 | 76·9 | 18 | 72·7 | 28 | 38 | 31 | 153·3 | 14 | 72·3 | 18 | 378 | 25 | 94 | 19 | 0·07 | 17 |
| June | 29·905 | 26 | 29·467 | 18 | 0·438 | 107·3 | 1 | 75·9 | 12 | 70·9 | 28 | 28 | 1 | 156·6 | 5 | 74·5 | 13 | 373 | 7 | 183 | 26 | 1·32 | 12 |
| July | 29·867 | 8 | 29·559 | 20 | 0·308 | 101·3 | 1 | 74·6 | 14 | 70·6 | 19 | 34 | 27 | 144·7 | 9 | 70·7 | 19 | 293 | 18 | 159 | 3 | 0·63 | 14 |
| August | 29·878 | 19 | 29·590 | 1 | 0·288 | 99·0 | 5 | 72·3 | 24 | 69·7 | 4 | 41 | 8 | 147·8 | 7 | 71·4 | 24 | 290 | 16 | 157 | 10 | 2·15 | 23 |
| September | 29·932 | 22 | 29·581 | 3 | 0·351 | 95·6 | 6 | 74·7 | 8 | 69·4 | 18 | 41 | 26 | 144·4 | 27 | 70·5 | 26 | 271 | 17 | 50 | 29 | 0·54 | 12 |
| October | 29·972 | 3 | 29·680 | 18 | 0·292 | 94·0 | 1 | 70·8 | 31 | 62·2 | 31 | 39 | 31 | 142·7 | 1 | 62·3 | 31 | 236 | 24 | 63 | 10 | 0·62 | 25 |
| November | 30·148 | 19 | 29·771 | 1 | 0·377 | 88·1 | 12 | 65·4 | 2 | 59·1 | 1 | 33 | 10 | 139·2 | 19 | 54·1 | 2 | 294 | 28 | 90 | 3 | 3·64 | 30 |
| December | 30·125 | 1 | 29·927 | 7 | 0·198 | 81·9 | 5 | 63·2 | 21 | 60·9 | 21 | 50 | 15 | 134·9 | 27 | 53·1 | 21 | 320 | 8 | 133 | 24 | 0·14 | 25 |

## Madras Meteorological Observations. 1868—January.

| January 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·057 | 0·100 | 75·4 | 67·6 | 84·0 | 66·8 | 129·0 | 58·6 | 0·573 | 65 | 207 | N E | 7 | ... | Fine. |
| 2 | 30·065 | 0·114 | 74·6 | 67·9 | 83·3 | 64·8 | 132·1 | 56·6 | 0·594 | 69 | 205 | N E | 40 | ... | Passing clouds. |
| 3 | 30·041 | 0·125 | 75·1 | 70·9 | 84·6 | 69·0 | 132·4 | 61·8 | 0·701 | 80 | 194 | N E | 37 | ... | Fine with passing clouds. |
| 4 | 30·009 | 0·114 | 74·1 | 69·6 | 84·4 | 65·1 | 134·6 | 59·0 | 0·664 | 79 | 149 | N E | 37 | ... | Do. |
| 5 | 29·975 | 0·138 | 72·6 | 68·3 | 84·3 | 62·6 | 131·1 | 56·2 | 0·636 | 79 | 117 | N E by E | 17 | ... | Fine. |
| 6 | 29·978 | 0·115 | 73·1 | 69·9 | 84·2 | 64·5 | 132·8 | 56·3 | 0·690 | 85 | 115 | N E by E | 28 | ... | Fine with passing clouds. |
| 7 | 29·976 | 0·134 | 74·0 | 69·5 | 83·8 | 65·0 | 137·8 | 58·0 | 0·662 | 79 | 130 | N E by E | 43 | ... | Passing clouds. |
| 8 | 29·980 | 0·138 | 75·1 | 67·7 | 84·9 | 64·0 | 135·1 | 57·1 | 0·580 | 66 | 161 | N E | 35 | ... | Fine with passing clouds. |
| 9 | 29·993 | 0·093 | 74·1 | 68·7 | 85·3 | 65·9 | 134·2 | 60·1 | 0·631 | 74 | 132 | N E by E | 37 | ... | Do. |
| 10 | 29·996 | 0·117 | 74·7 | 67·9 | 83·9 | 68·0 | 135·4 | 56·4 | 0·593 | 69 | 94 | N E by E | 25 | ... | Do. |
| 11 | 30·021 | 0·121 | 74·1 | 68·5 | 84·5 | 62·7 | 131·0 | 59·4 | 0·624 | 74 | 119 | E N E | 37 | ... | Morning fine: afternoon cloudy. |
| 12 | 30·035 | 0·113 | 77·5 | 70·0 | 84·9 | 71·6 | 137·4 | 67·4 | 0·634 | 67 | 262 | N E by N | 40 | 0·02 | Fine with passing clouds. |
| 13 | 30·026 | 0·125 | 75·5 | 70·4 | 86·1 | 66·1 | 132·9 | 58·2 | 0·677 | 77 | 220 | N N E | 30 | ... | Do. |
| 14 | 30·022 | 0·123 | 75·2 | 70·4 | 86·4 | 65·0 | 134·6 | 58·0 | 0·680 | 78 | 204 | N N E | 12 | ... | Fine. |
| 15 | 30·027 | 0·123 | 76·7 | 72·9 | 85·7 | 69·8 | 134·3 | 62·1 | 0·759 | 83 | 291 | N N E | 50 | ... | Passing clouds. |
| 16 | 30·010 | 0·147 | 76·8 | 71·5 | 85·0 | 69·6 | 134·3 | 65·6 | 0·702 | 76 | 271 | N N E | 43 | ... | Do. |
| 17 | 29·973 | 0·152 | 76·3 | 69·5 | 85·4 | 68·1 | 132·9 | 61·3 | 0·631 | 70 | 240 | N N E | 23 | ... | Light clouds. |
| 18 | 29·960 | 0·132 | 73·9 | 68·2 | 84·8 | 64·1 | 131·8 | 57·2 | 0·615 | 73 | 143 | E N E | 2 | ... | Clear. |
| 19 | 29·978 | 0·115 | 73·9 | 68·0 | 84·3 | 62·6 | 130·9 | 56·3 | 0·607 | 72 | 151 | N E by E | 10 | ... | Fine. |
| 20 | 29·998 | 0·131 | 74·8 | 68·7 | 84·7 | 65·3 | 132·4 | 58·8 | 0·622 | 72 | 212 | N N E | 30 | ... | Fine with passing clouds. |
| 21 | 30·010 | 0·122 | 76·4 | 69·7 | 85·8 | 66·3 | 135·7 | 60·6 | 0·637 | 70 | 223 | N E by N | 33 | ... | Do. |
| 22 | 29·957 | 0·102 | 76·3 | 69·2 | 84·6 | 68·0 | 133·3 | 63·1 | 0·620 | 69 | 258 | N E by N | 30 | ... | Do. |
| 23 | 29·887 | 0·131 | 77·4 | 72·4 | 83·2 | 74·7 | 114·2 | 73·2 | 0·730 | 77 | 222 | N E by N | 93 | ... | Overcast. |
| 24 | 29·899 | 0·109 | 73·9 | 72·8 | 84·3 | 73·3 | 102·3 | 71·4 | 0·794 | 95 | 229 | N E | 100 | 2·64 | Overcast with rain. |
| 25 | 29·938 | 0·105 | 76·7 | 73·4 | 79·7 | 76·5 | 101·7 | 70·3 | 0·780 | 85 | 258 | N E | 98 | 2·11 | Do. |
| 26 | 29·966 | 0·111 | 77·5 | 73·3 | 83·6 | 74·3 | 136·4 | 72·3 | 0·765 | 81 | 168 | E N E | 88 | ... | Cloudy. |
| 27 | 29·933 | 0·123 | 76·7 | 72·6 | 84·0 | 70·3 | 135·9 | 66·7 | 0·747 | 82 | 130 | N E by E | 70 | ... | Do. |
| 28 | 29·925 | 0·107 | 75·5 | 71·2 | 84·1 | 69·7 | 133·1 | 65·1 | 0·707 | 80 | 116 | N E by E | 30 | ... | Fine with passing clouds. |
| 29 | 29·949 | 0·104 | 76·6 | 71·7 | 84·5 | 69·7 | 129·8 | 65·1 | 0·712 | 77 | 114 | E by N | 17 | ... | Fine. |
| 30 | 29·952 | 0·120 | 76·6 | 72·1 | 85·4 | 68·7 | 137·1 | 63·6 | 0·729 | 79 | 115 | N E by E | 40 | ... | Fine with passing clouds. |
| 31 | 29·968 | 0·110 | 77·5 | 73·1 | 85·2 | 69·9 | 131·8 | 65·3 | 0·757 | 80 | 141 | E N E | 28 | ... | Do. |
| Mean | 29·984 | 0·120 | 75·4 | 70·2 | 84·5 | 67·8 | 130·9 | 62·0 | 0·673 | 76 | 180 | N E | 39 | 4·77 | |

# Madras Meteorological Observations. 1868—February.

| February 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·932 | 0·123 | 76·7 | 72·5 | 85·1 | 69·3 | 132·4 | 65·0 | 0·744 | 81 | 141 | N E by E | 33 | ... | Fine with passing clouds. |
| 2 | 29·924 | 0·108 | 76·4 | 72·2 | 83·7 | 69·1 | 131·9 | 65·3 | 0·735 | 81 | 130 | East | 3 | ... | Clear. |
| 3 | 29·910 | 0·147 | 77·8 | 74·3 | 88·5 | 71·1 | 132·9 | 68·1 | 0·802 | 84 | 177 | S S E | 15 | ... | Fine. |
| 4 | 29·938 | 0·122 | 79·7 | 76·0 | 90·7 | 73·7 | 140·7 | 70·2 | 0·849 | 84 | 146 | S S E | 30 | 0·03 | Fine with passing clouds. |
| 5 | 29·946 | 0·126 | 78·5 | 73·9 | 86·3 | 72·5 | 133·4 | 70·1 | 0·776 | 80 | 132 | E by S | 33 | ... | Do. |
| 6 | 29·941 | 0·130 | 77·5 | 72·5 | 84·6 | 69·9 | 132·5 | 65·9 | 0·733 | 78 | 166 | East | 33 | ... | Do. |
| 7 | 29·972 | 0·102 | 77·5 | 71·7 | 85·0 | 72·4 | 135·1 | 67·8 | 0·698 | 74 | 157 | East | 27 | ... | Do. |
| 8 | 30·025 | 0·114 | 74·4 | 68·6 | 84·0 | 65·8 | 129·6 | 59·7 | 0·623 | 73 | 113 | E by N | 2 | ... | Clear. |
| 9 | 30·049 | 0·131 | 72·6 | 67·5 | 83·8 | 63·5 | 129·5 | 56·5 | 0·607 | 76 | 121 | N E by E | 3 | ... | Do. |
| 10 | 30·054 | 0·122 | 74·8 | 68·7 | 84·8 | 64·0 | 130·7 | 57·9 | 0·622 | 72 | 127 | N E by N | 12 | ... | Fine. |
| 11 | 30·020 | 0·132 | 76·0 | 70·1 | 86·0 | 66·8 | 135·6 | 60·4 | 0·658 | 73 | 111 | N E by E | 10 | ... | Do. |
| 12 | 29·990 | 0·131 | 76·3 | 70·1 | 86·1 | 66·8 | 138·2 | 61·0 | 0·654 | 72 | 112 | East | 15 | ... | Do. |
| 13 | 29·991 | 0·099 | 75·5 | 69·8 | 84·1 | 65·6 | 130·3 | 60·3 | 0·654 | 74 | 109 | E S E | 8 | ... | Do. |
| 14 | 30·021 | 0·112 | 74·1 | 69·9 | 84·1 | 64·4 | 130·5 | 58·4 | 0·677 | 80 | 94 | E S E | 2 | ... | Clear. |
| 15 | 30·048 | 0·113 | 75·6 | 70·6 | 85·1 | 65·0 | 132·2 | 59·7 | 0·683 | 77 | 107 | E by S | 7 | ... | Fine. |
| 16 | 30·034 | 0·146 | 75·4 | 71·1 | 85·8 | 65·5 | 130·7 | 60·9 | 0·705 | 80 | 102 | E N E | 13 | ... | Do. |
| 17 | 30·009 | 0·124 | 76·0 | 71·5 | 85·8 | 66·6 | 134·5 | 60·1 | 0·713 | 79 | 131 | N E | 12 | ... | Do. |
| 18 | 29·982 | 0·146 | 75·0 | 71·3 | 85·1 | 66·2 | 132·7 | 61·3 | 0·718 | 83 | 101 | E N E | 10 | ... | Do. |
| 19 | 29·940 | 0·135 | 75·1 | 71·3 | 85·3 | 65·3 | 135·1 | 59·8 | 0·717 | 83 | 94 | E S E | 7 | ... | Do. |
| 20 | 29·929 | 0·146 | 74·4 | 70·6 | 86·0 | 65·0 | 132·8 | 60·1 | 0·699 | 83 | 99 | S E | 0 | ... | Clear. |
| 21 | 29·940 | 0·116 | 74·6 | 71·9 | 83·6 | 66·3 | 130·5 | 62·9 | 0·747 | 87 | 133 | S E by S | 7 | ... | Fine. |
| 22 | 29·936 | 0·131 | 76·0 | 72·9 | 85·7 | 67·4 | 136·6 | 63·2 | 0·769 | 86 | 105 | S E by E | 13 | ... | Do. |
| 23 | 29·905 | 0·154 | 77·2 | 71·5 | 85·9 | 67·8 | 131·5 | 63·3 | 0·696 | 75 | 116 | S E by E | 17 | ... | Do. |
| 24 | 29·843 | 0·147 | 77·1 | 71·8 | 86·1 | 67·7 | 134·1 | 64·0 | 0·710 | 76 | 186 | S E by S | 7 | ... | Do. |
| 25 | 29·845 | 0·106 | 77·8 | 72·8 | 85·3 | 69·5 | 132·1 | 64·5 | 0·741 | 78 | 179 | S S E | 12 | ... | Do. |
| 26 | 29·867 | 0·104 | 76·7 | 72·2 | 86·4 | 67·1 | 135·2 | 61·9 | 0·731 | 79 | 120 | S E by E | 30 | ... | Fine with light clouds. |
| 27 | 29·925 | 0·097 | 78·4 | 72·5 | 87·5 | 69·1 | 135·5 | 64·9 | 0·721 | 74 | 141 | E N E | 40 | ... | Fine with passing clouds. |
| 28 | 29·946 | 0·125 | 77·9 | 72·5 | 89·1 | 67·7 | 136·6 | 64·5 | 0·727 | 77 | 132 | N E | 20 | ... | Do. |
| 29 | 29·864 | 0·169 | 79·3 | 71·2 | 95·2 | 68·2 | 142·7 | 64·7 | 0·658 | 66 | 138 | N N E | 2 | ... | Clear. |
| Mean | 29·956 | 0·126 | 76·4 | 71·5 | 86·0 | 67·6 | 133·7 | 62·8 | 0·709 | 78 | 128 | East | 15 | 0·03 | |

## Madras Meteorological Observations. 1868—March.

| March 1868 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·819 | 0·150 | 78·9 | 66·9 | 100·2 | 66·3 | 145·1 | 61·8 | 0·500 | 51 | 135 | S E by E | 12 | ... | Fine. |
| 2 | 29·886 | 0·095 | 78·1 | 71·7 | 88·8 | 67·5 | 133·7 | 62·5 | 0·693 | 72 | 140 | S E by E | 35 | ... | Hazy. |
| 3 | 29·934 | 0·091 | 76·8 | 71·5 | 89·2 | 68·0 | 137·2 | 63·1 | 0·702 | 76 | 118 | S E by E | 43 | ... | Hazy : light clouds. |
| 4 | 29·890 | 0·129 | 77·4 | 69·9 | 86·6 | 67·2 | 133·8 | ... | 0·632 | 67 | 151 | East | 10 | ... | Fine. |
| 5 | 29·826 | 0·143 | 75·7 | 68·2 | 86·2 | 65·6 | 139·8 | 60·7 | 0·591 | 66 | 125 | E S E | 20 | ... | Fine with passing clouds. |
| 6 | 29·824 | 0·139 | 78·0 | 71·8 | 89·6 | 65·3 | 137·6 | 60·8 | 0·699 | 73 | 188 | S E | 3 | ... | Clear. |
| 7 | 29·802 | 0·172 | 80·3 | 75·5 | 92·1 | 72·1 | 142·8 | 68·7 | 0·819 | 79 | 184 | S E by S | 23 | ... | Fine with passing clouds. |
| 8 | 29·840 | 0·138 | 82·0 | 74·9 | 92·4 | 73·6 | 141·3 | 70·7 | 0·771 | 71 | 202 | S E by S | 10 | ... | Fine. |
| 9 | 29·896 | 0·136 | 80·5 | 74·5 | 89·5 | 73·4 | 139·9 | 70·5 | 0·775 | 74 | 211 | S E by S | 20 | ... | Fine with passing clouds. |
| 10 | 29·906 | 0·158 | 80·1 | 73·4 | 88·2 | 73·3 | 135·7 | 70·4 | 0·734 | 71 | 225 | S E by S | 23 | ... | Do. |
| 11 | 29·926 | 0·115 | 79·2 | 72·9 | 87·5 | 70·9 | 135·4 | 67·9 | 0·725 | 73 | 155 | S E | 13 | ... | Fine. |
| 12 | 29·990 | 0·113 | 79·4 | 72·6 | 88·7 | 72·0 | 135·4 | 69·6 | 0·711 | 71 | 122 | E S E | 37 | ... | Fine with passing clouds. |
| 13 | 29·993 | 0·121 | 79·2 | 72·3 | 88·2 | 72·3 | 139·6 | 68·7 | 0·701 | 70 | 103 | E by S | 40 | ... | Do. |
| 14 | 29·945 | 0·133 | 77·7 | 72·8 | 87·0 | 69·8 | 136·0 | 66·6 | 0·742 | 78 | 118 | E S E | 13 | ... | Fine. |
| 15 | 29·908 | 0·134 | 77·3 | 70·6 | 86·7 | 67·3 | 135·9 | 64·7 | 0·661 | 71 | 142 | S E by S | 8 | ... | Do. |
| 16 | 29·943 | 0·112 | 77·5 | 71·0 | 86·8 | 65·8 | 136·0 | 61·9 | 0·673 | 71 | 135 | S E | 5 | ... | Do. |
| 17 | 29·958 | 0·138 | 79·2 | 72·0 | 87·5 | 68·1 | 144·1 | 64·9 | 0·689 | 69 | 147 | S E by E | 27 | ... | Fine with passing clouds. |
| 18 | 29·922 | 0·142 | 79·2 | 72·4 | 87·5 | 71·3 | 137·6 | 68·1 | 0·706 | 71 | 196 | S E by E | 28 | ... | Do. |
| 19 | 29·887 | 0·149 | 79·5 | 72·5 | 88·0 | 72·3 | 140·6 | 69·8 | 0·706 | 70 | 168 | E S E | 38 | ... | Do. |
| 20 | 29·912 | 0·113 | 79·3 | 72·4 | 87·0 | 72·7 | 138·6 | 69·5 | 0·704 | 70 | 110 | E S E | 50 | ... | Passing clouds. |
| 21 | 29·936 | 0·121 | 79·3 | 72·1 | 87·4 | 69·5 | 136·1 | 66·9 | 0·692 | 69 | 121 | E by S | 28 | ... | Fine with passing clouds. |
| 22 | 29·951 | 0·128 | 79·0 | 72·3 | 88·4 | 70·4 | 138·9 | 66·8 | 0·704 | 71 | 117 | E by S | 23 | ... | Do. |
| 23 | 29·924 | 0·126 | 79·3 | 73·0 | 88·1 | 68·2 | 137·5 | 65·6 | 0·728 | 73 | 132 | E by N | 10 | ... | Fine. |
| 24 | 29·911 | 0·130 | 78·6 | 72·8 | 88·3 | 69·2 | 136·9 | 66·0 | 0·729 | 75 | 116 | S E by E | 0 | ... | Clear. |
| 25 | 29·911 | 0·101 | 78·7 | 72·8 | 86·9 | 68·8 | 135·7 | 66·0 | 0·728 | 74 | 116 | E S E | 0 | ... | Do. |
| 26 | 29·916 | 0·129 | 80·6 | 74·1 | 88·2 | 70·9 | 137·6 | 68·7 | 0·756 | 72 | 162 | S E by S | 43 | ... | Hazy. |
| 27 | 29·939 | 0·134 | 81·9 | 75·9 | 90·3 | 74·6 | 142·6 | 72·3 | 0·815 | 75 | 162 | E S E | 69 | ... | Passing clouds. |
| 28 | 29·921 | 0·137 | 82·4 | 74·7 | 89·9 | 74·6 | 143·2 | 71·4 | 0·757 | 68 | 176 | S E | 53 | ... | Do. |
| 29 | 29·912 | 0·123 | 81·2 | 74·8 | 89·9 | 75·0 | 119·6 | 72·3 | 0·777 | 73 | 165 | S S E | 83 | ... | Cloudy. |
| 30 | 29·912 | 0·119 | 79·9 | 73·0 | 88·7 | 73·2 | 139·3 | 70·3 | 0·720 | 70 | 165 | S E | 40 | ... | Light clouds. |
| 31 | 29·956 | 0·132 | 80·4 | 74·0 | 89·4 | 70·6 | 140·6 | 67·9 | 0·754 | 72 | 170 | SE by S | 30 | ... | Do. |
| Mean | 29·909 | 0·129 | 79·2 | 72·6 | 88·8 | 70·3 | 137·9 | 67·2 | 0·713 | 71 | 151 | S E by E | 27 | *Nil.* | |

# Madras Meteorological Observations. 1868—April.

| April 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·982 | 0·141 | 82·7 | 77·3 | 89·6 | 74·9 | 139·1 | 72·6 | 0·865 | 77 | 199 | S E by E | 27 | ... | Light clouds. |
| 2 | 29·947 | 0·166 | 83·1 | 77·4 | 90·5 | 76·6 | 142·0 | 74·7 | 0·864 | 76 | 172 | S E | 33 | ... | Fine with passing clouds. |
| 3 | 29·898 | 0·125 | 82·4 | 76·2 | 90·3 | 74·7 | 139·6 | 72·0 | 0·821 | 74 | 187 | S E by S | 3 | ... | Clear. |
| 4 | 29·906 | 0·127 | 82·7 | 76·7 | 89·8 | 75·7 | 143·9 | 73·8 | 0·839 | 75 | 208 | S S E | 17 | ... | Fine. |
| 5 | 29·904 | 0·119 | 81·8 | 76·3 | 88·6 | 74·7 | 138·7 | 71·8 | 0·834 | 77 | 193 | S E by S | 10 | ... | Do. |
| 6 | 29·892 | 0·141 | 82·6 | 76·1 | 89·2 | 76·2 | 142·4 | 73·3 | 0·814 | 73 | 221 | S E by S | 20 | ... | Do. |
| 7 | 29·872 | 0·135 | 81·7 | 76·1 | 88·2 | 74·0 | 140·8 | 70·9 | 0·827 | 77 | 204 | S E | 13 | ... | Do. |
| 8 | 29·850 | 0·150 | 81·8 | 75·0 | 89·6 | 74·5 | 141·3 | 72·2 | 0·778 | 72 | 213 | S E by S | 7 | ... | Clear. |
| 9 | 29·830 | 0·144 | 81·9 | 75·5 | 89·9 | 73·8 | 137·3 | 71·6 | 0·798 | 73 | 217 | S S E | 0 | ... | Do. |
| 10 | 29·806 | 0·129 | 82·4 | 76·5 | 92·3 | 75·9 | 140·6 | 72·7 | 0·834 | 75 | 251 | S S E | 43 | ... | Hazy ; light clouds. |
| 11 | 29·812 | 0·142 | 83·2 | 76·5 | 91·9 | 75·8 | 140·5 | 73·3 | 0·823 | 73 | 205 | S E by S | 27 | ... | Fine : light haze. |
| 12 | 29·834 | 0·122 | 82·7 | 75·7 | 89·4 | 75·0 | 138·3 | 71·5 | 0 795 | 71 | 226 | S E by S | 13 | ... | Fine. |
| 13 | 29·822 | 0·140 | 82·9 | 76·7 | 90·9 | 75·6 | 140·3 | 73·6 | 0·836 | 74 | 233 | S E by S | 20 | ... | Do. |
| 14 | 29·813 | 0·167 | 83·8 | 78·8 | 91·1 | 77·5 | 143·2 | 75·6 | 0·919 | 79 | 245 | S E by S | 40 | ... | Passing clouds. |
| 15 | 29·823 | 0·131 | 84·2 | 78·0 | 91·4 | 77·5 | 140·8 | 75·2 | 0·876 | 75 | 217 | S E by S | 22 | ... | Fine with passing clouds. |
| 16 | 29·829 | 0·130 | 84·5 | 77·6 | 91·4 | 78·7 | 141·6 | 77·0 | 0·854 | 72 | 215 | S E by S | 27 | ... | Do. |
| 17 | 29·869 | 0·149 | 83·6 | 77·2 | 92·5 | 76·1 | 141·8 | 73·9 | 0·848 | 73 | 174 | S E | 23 | ... | Do. |
| 18 | 29·873 | 0·147 | 83·8 | 77·0 | 92·5 | 77·3 | 141·9 | 75·7 | 0·837 | 72 | 139 | S E by E | 50 | ... | Thick haze. |
| 19 | 29·836 | 0·156 | 84·4 | 77·3 | 93·4 | 77·4 | 145·7 | 75·9 | 0·843 | 72 | 211 | S S E | 27 | ... | Fine with passing clouds. |
| 20 | 29·784 | 0·164 | 87·0 | 79·4 | 98·9 | 80·1 | 147·6 | 78·7 | 0·903 | 70 | 260 | S by E | 23 | ... | Fine with light clouds. |
| 21 | 29·775 | 0·154 | 87·6 | 78·6 | 97·4 | 79·7 | 144·6 | 78·7 | 0·858 | 66 | 187 | S by E | 67 | ... | Passing clouds. |
| 22 | 29·744 | 0·167 | 89·4 | 78·4 | 101·0 | 79·5 | 149·6 | 78·5 | 0·824 | 59 | 144 | S S E | 33 | ... | Fine with passing clouds. |
| 23 | 29·755 | 0·116 | 87·9 | 78·2 | 104·6 | 78·2 | 152·7 | 75·9 | 0·835 | 63 | 143 | S S E | 10 | ... | Fine. |
| 24 | 29·811 | 0·118 | 85·6 | 78·8 | 92·5 | 80·9 | 142·2 | 79·0 | 0·894 | 73 | 272 | S S E | 10 | ... | Do. |
| 25 | 29·799 | 0·122 | 85·0 | 79·4 | 90·4 | 79·8 | 140·1 | 78·0 | 0·930 | 77 | 282 | S S E | 18 | ... | Do. |
| 26 | 29·760 | 0·164 | 87·7 | 80·4 | 99·7 | 81·8 | 150·7 | 79·5 | 0·941 | 71 | 268 | S by E | 52 | ... | Light clouds. |
| 27 | 29·729 | 0·157 | 89·5 | 80·9 | 99·7 | 83·1 | 147·9 | 81·8 | 0·949 | 69 | 293 | S by E | 10 | ... | Fine. |
| 28 | 29·728 | 0·123 | 88·1 | 79·9 | 100·1 | 82·8 | 147·4 | 81·8 | 0·911 | 68 | 351 | S by E | 2 | ... | Clear. |
| 29 | 29·744 | 0·148 | 89·1 | 80·2 | 104·1 | 82·5 | 151·4 | 81·2 | 0·911 | 66 | 349 | South | 32 | ... | Thick haze. |
| 30 | 29·767 | 0·129 | 90·2 | 77·0 | 106·7 | 82·2 | 151·1 | 81·3 | 0·750 | 53 | 223 | South | 20 | ... | Light haze. |
| Mean | 29·826 | 0·141 | 84·8 | 77·6 | 93·9 | 77·7 | 143·5 | 75·7 | 0·853 | 72 | 223 | S S E | 23 | *Nil.* | |

# Madras Meteorological Observations. 1868—May.

| May 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·775 | 0·115 | 89·8 | 76·2 | 104·9 | 80·0 | 150·7 | 78·8 | 0·721 | 51 | 169 | S S E | 0 | ... | Clear. |
| 2 | 29·792 | 0·101 | 87·4 | 79·7 | 101·6 | 81·8 | 146·9 | 80·5 | 0·911 | 70 | 258 | S S E | 5 | ... | Do. |
| 3 | 29·836 | 0·113 | 85·8 | 80·9 | 92·3 | 81·9 | 140·7 | 80·9 | 0·947 | 77 | 247 | SE by S | 3 | ... | Do. |
| 4 | 29·857 | 0·117 | 85·4 | 78·4 | 92·0 | 78·6 | 139·5 | 76·6 | 0·879 | 72 | 202 | S E | 5 | ... | Do. |
| 5 | 29·820 | 0·142 | 85·4 | 78·9 | 93·9 | 78·2 | 142·2 | 76·3 | 0·902 | 74 | 206 | SE by S | 5 | ... | Do. |
| 6 | 29·758 | 0·170 | 86·7 | 80·1 | 93·4 | 80·6 | 140·9 | 79·1 | 0·939 | 74 | 250 | S S E | 10 | ... | Fine. |
| 7 | 29·753 | 0·126 | 87·8 | 79·5 | 96·3 | 81·4 | 142·7 | 79·9 | 0·897 | 68 | 225 | S S E | 27 | ... | Fine with passing clouds. |
| 8 | 29·797 | 0·127 | 87·9 | 80·1 | 94·3 | 84·0 | 141·5 | 81·9 | 0·923 | 70 | 249 | S S E | 63 | ... | Passing clouds. |
| 9 | 29·803 | 0·145 | 86·5 | 80·5 | 93·4 | 83·4 | 142·3 | 82·0 | 0·961 | 76 | 302 | S S E | 48 | ... | Fine with passing clouds. |
| 10 | 29·751 | 0·175 | 89·4 | 78·0 | 102·0 | 83·0 | 148·8 | 81·1 | 0·806 | 58 | 275 | S by E | 10 | ... | Fine. |
| 11 | 29·735 | 0·137 | 88·7 | 79·9 | 99·8 | 83·6 | 143·0 | 82·0 | 0·902 | 67 | 283 | S by E | 3 | ... | Clear. |
| 12 | 29·760 | 0·094 | 87·6 | 80·1 | 95·4 | 82·7 | 140·2 | 81·1 | 0·928 | 71 | 352 | S S E | 17 | ... | Fine. |
| 13 | 29·805 | 0·138 | 86·6 | 80·6 | 93·4 | 82·3 | 140·3 | 81·2 | 0·964 | 76 | 331 | S S E | 27 | ... | Light clouds. |
| 14 | 29·799 | 0·084 | 86·1 | 80·8 | 94·0 | 82·0 | 141·1 | 80·2 | 0·981 | 79 | 261 | S S E | 30 | ... | Fine with passing clouds. |
| 15 | 29·830 | 0·112 | 86·5 | 78·5 | 95·9 | 81·7 | 144·5 | 80·0 | 0·868 | 68 | 248 | SE by S | 27 | ... | Light haze. |
| 16 | 29·892 | 0·089 | 85·8 | 79·3 | 92·4 | 81·1 | 140·3 | 79·2 | 0·914 | 74 | 183 | S E | 23 | ... | Light clouds. |
| 17 | 29·908 | 0·110 | 84·4 | 78·4 | 91·0 | 78·7 | 138·7 | 76·9 | 0·892 | 75 | 148 | S E | 30 | ... | Do. |
| 18 | 29·870 | 0·133 | 85·2 | 79·7 | 93·1 | 79·2 | 146·3 | 78·1 | 0·941 | 78 | 162 | S E | 47 | ... | Passing clouds. |
| 19 | 29·801 | 0·122 | 85·4 | 81·4 | 93·6 | 78·0 | 139·5 | 75·7 | 1·019 | 83 | 226 | S E by S | 22 | ... | Fine with light haze. |
| 20 | 29·787 | 0·121 | 86·6 | 81·3 | 93·2 | 82·3 | 144·7 | 81·0 | 0·999 | 79 | 306 | S S E | 27 | ... | Fine with passing clouds. |
| 21 | 29·789 | 0·123 | 86·1 | 79·8 | 96·5 | 81·8 | 142·7 | 80·7 | 0·933 | 75 | 205 | S E | 53 | ... | Passing clouds. |
| 22 | 29·796 | 0·109 | 85·1 | 77·5 | 100·9 | 80·9 | 148·7 | 79·1 | 0·842 | 69 | 187 | S S E | 57 | ... | Cloudy. |
| 23 | 29·792 | 0·147 | 85·4 | 79·4 | 93·2 | 80·1 | 139·5 | 78·9 | 0·924 | 76 | 196 | SE by S | 15 | ... | Fine. |
| 24 | 29·737 | 0·139 | 86·6 | 80·6 | 93·5 | 81·8 | 139·6 | 80·3 | 0·964 | 76 | 200 | SE by S | 23 | ... | Fine with passing clouds. |
| 25 | 29·738 | 0·101 | 87·5 | 78·3 | 97·1 | 81·7 | 137·4 | 80·2 | 0·846 | 64 | 174 | S E by S | 30 | ... | Fine with light clouds. |
| 26 | 29·751 | 0·114 | 86·0 | 79·1 | 94·2 | 79·0 | 139·8 | 77·1 | 0·902 | 72 | 160 | SE by E | 50 | ... | Passing clouds. |
| 27 | 29·738 | 0·102 | 86·1 | 79·2 | 93·3 | 79·1 | 139·9 | 77·2 | 0·905 | 72 | 162 | S E | 33 | ... | Fine with passing clouds. |
| 28 | 29·692 | 0·098 | 87·3 | 79·4 | 100·9 | 79·2 | 146·4 | 77·0 | 0·898 | 69 | 176 | S E | 33 | ... | Light clouds. |
| 29 | 29·663 | 0·130 | 87·8 | 79·9 | 95·3 | 81·7 | 143·3 | 80·3 | 0·915 | 69 | 274 | S S E | 23 | ... | Fine with light clouds. |
| 30 | 29·653 | 0·141 | 88·3 | 80·3 | 97·5 | 82·8 | 141·0 | 81·7 | 0·927 | 69 | 277 | S S E | 18 | ... | Fine. |
| 31 | 29·671 | 0·107 | 86·6 | 79·9 | 94·4 | 83·0 | 140·0 | 81·8 | 0·932 | 71 | 283 | S E by S | 12 | ... | Do. |
| Mean | 29·779 | 0·122 | 86·7 | 79·5 | 95·5 | 81·1 | 142·4 | 79·6 | 0·912 | 72 | 232 | SE by S | 25 | *Nil.* | |

# Madras Meteorological Observations. 1868—June.

| June 1868 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·693 | 0·131 | 86·4 | 79·3 | 94·0 | 80·3 | 141·0 | 78·5 | 0·907 | 72 | 181 | S E | 33 | ... | Fine with passing clouds. |
| 2 | 29·654 | 0·139 | 86·6 | 80·0 | 94·8 | 80·3 | 139·8 | 78·7 | 0·936 | 74 | 157 | S E by E | 43 | ... | Passing clouds. |
| 3 | 29·619 | 0·117 | 84·8 | 79·7 | 92·4 | 81·7 | 123·6 | 80·2 | 0·948 | 79 | 127 | East | 82 | 0·64 | Showery. |
| 4 | 29·549 | 0·143 | 79·4 | 77·2 | 86·1 | 76·3 | 103·2 | 75·7 | 0·905 | 90 | 86 | N N W | 100 | 4·08 | Overcast : heavy rain. |
| 5 | 29·463 | 0·122 | 81·1 | 77·0 | 88·1 | 76·8 | 127·3 | 75·6 | 0·874 | 83 | 184 | W by S | 100 | 0·18 | Overcast. |
| 6 | 29·459 | 0·101 | 84·2 | 78·3 | 93·1 | 79·0 | 133·0 | 77·5 | 0·890 | 75 | 319 | S by W | 92 | ... | Do. |
| 7 | 29·555 | 0·092 | 85·9 | 78·9 | 99·5 | 79·9 | 141·9 | 78·5 | 0·895 | 72 | 277 | S by W | 78 | ... | Cloudy. |
| 8 | 29·653 | 0·112 | 85·2 | 77·3 | 93·7 | 80·0 | 139·5 | 78·4 | 0·831 | 68 | 274 | South | 70 | ... | Light clouds. |
| 9 | 29·701 | 0·102 | 85·6 | 78·4 | 96·1 | 80·2 | 143·4 | 79·1 | 0·877 | 71 | 247 | S by E | 40 | ... | Do. |
| 10 | 29·740 | 0·081 | 85·2 | 77·9 | 95·9 | 81·5 | 131·0 | 80·4 | 0·859 | 71 | 197 | South | 90 | ... | Overcast. |
| 11 | 29·750 | 0·104 | 85·0 | 77·6 | 99·2 | 82·0 | 134·3 | 81·2 | 0·848 | 70 | 219 | S S W | 97 | 0·13 | Do. |
| 12 | 29·747 | 0·134 | 84·0 | 77·2 | 93·9 | 79·3 | 133·8 | 77·0 | 0·843 | 72 | 176 | S by E | 88 | 0·29 | Do. |
| 13 | 29·773 | 0·116 | 84·1 | 77·9 | 93·4 | 79·0 | 125·5 | 77·7 | 0·873 | 75 | 157 | S S E | 90 | ... | Do. |
| 14 | 29·802 | 0·093 | 84·4 | 76·6 | 96·0 | 80·8 | 137·2 | 79·4 | 0·812 | 69 | 219 | S S W | 93 | ... | Do. |
| 15 | 29·805 | 0·088 | 84·7 | 76·4 | 91·4 | 78·9 | 115·2 | 77·9 | 0·799 | 67 | 179 | S W by S | 97 | ... | Do. |
| 16 | 29·801 | 0·162 | 83·9 | 76·1 | 100·0 | 79·6 | 144·3 | 78·1 | 0·797 | 68 | 233 | S S W | 67 | 0·75 | Cloudy with rain. |
| 17 | 29·819 | 0·126 | 84·1 | 74·4 | 95·4 | 78·0 | 141·8 | 77·2 | 0·721 | 61 | 287 | S W | 78 | ... | Cloudy. |
| 18 | 29·824 | 0·129 | 82·8 | 76·0 | 98·3 | 76·1 | 146·3 | 74·3 | 0·807 | 72 | 181 | S S W | 37 | 0·10 | Fine with passing clouds. |
| 19 | 29·807 | 0·155 | 85·1 | 74·8 | 100·4 | 79·1 | 146·1 | 75·7 | 0·725 | 60 | 243 | S W | 52 | 0·80 | Passing clouds : rain. |
| 20 | 29·831 | 0·127 | 83·3 | 76·1 | 97·4 | 75·8 | 138·6 | 74·4 | 0·805 | 70 | 225 | S S W | 30 | ... | Fine with passing clouds. |
| 21 | 29·791 | 0·161 | 87·7 | 75·1 | 100·0 | 78·3 | 137·5 | 75·4 | 0·702 | 54 | 216 | S W by W | 37 | ... | Do. |
| 22 | 29·753 | 0·138 | 87·7 | 74·5 | 101·1 | 79·4 | 139·6 | 77·4 | 0·677 | 52 | 236 | S W | 13 | ... | Fine. |
| 23 | 29·755 | 0·123 | 87·3 | 76·7 | 100·1 | 81·1 | 143·1 | 80·8 | 0·777 | 60 | 250 | S W | 20 | ... | Fine with passing clouds. |
| 24 | 29·779 | 0·120 | 86·5 | 76·7 | 98·0 | 82·0 | 141·4 | 81·3 | 0·788 | 62 | 227 | S by W | 43 | ... | Fine with light clouds. |
| 25 | 29·773 | 0·130 | 87·3 | 77·7 | 100·3 | 81·6 | 145·7 | 80·6 | 0·822 | 64 | 233 | S S W | 67 | ... | Passing clouds. |
| 26 | 29·756 | 0·120 | 86·6 | 77·2 | 100·9 | 79·6 | 145·0 | 77·5 | 0·808 | 63 | 225 | S W by S | 60 | ... | Do. |
| 27 | 29·719 | 0·114 | 86·2 | 77·5 | 101·4 | 81·0 | 141·6 | 79·2 | 0·827 | 66 | 237 | S S W | 73 | ... | Cloudy. |
| 28 | 29·736 | 0·077 | 82·8 | 75·9 | 99·4 | 80·4 | 130·7 | 79·2 | 0·802 | 71 | 243 | S W | 93 | 0·22 | Overcast. |
| 29 | 29·764 | 0·116 | 84·6 | 76·8 | 100·9 | 78·7 | 144·9 | 77·1 | 0·818 | 69 | 227 | S W by S | 83 | ... | Cloudy. |
| 30 | 29·759 | 0·131 | 86·1 | 76·2 | 99·0 | 79·6 | 145·0 | 78·7 | 0·771 | 61 | 215 | S S W | 53 | ... | Light clouds. |
| Mean | 29·721 | 0·120 | 85·0 | 77·0 | 96·7 | 79·5 | 136·7 | 78·1 | 0·825 | 69 | 216 | S S W | 67 | 7·19 | |

# Madras Meteorological Observations. 1868—July.

| July 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·771 | 0·100 | 86·0 | 74·6 | 96·6 | 80·9 | 149·6 | 79·6 | 0·704 | 57 | 192 | S S W | 69 | ... | Passing clouds. |
| 2 | 29·776 | 0·101 | 86·4 | 76·3 | 96·6 | 81·4 | 139·9 | 79·5 | 0·772 | 61 | 195 | South | 23 | ... | Fine with passing clouds. |
| 3 | 29·782 | 0·110 | 86·8 | 75·7 | 102·1 | 78·8 | 150·6 | 77·9 | 0·740 | 58 | 252 | S S W | 50 | ... | Passing clouds. |
| 4 | 29·750 | 0·112 | 86·0 | 76·0 | 100·5 | 79·2 | 145·5 | 78·3 | 0·764 | 61 | 213 | S by W | 67 | ... | Cloudy. |
| 5 | 29·729 | 0·111 | 87·5 | 75·1 | 96·8 | 80·8 | 134·4 | 79·3 | 0·705 | 54 | 176 | South | 89 | ... | Do. |
| 6 | 29·750 | 0·082 | 84·1 | 74·8 | 93·4 | 80·4 | 124·7 | 79·5 | 0·738 | 63 | 188 | S W by S | 97 | ... | Overcast. |
| 7 | 29·750 | 0·096 | 83·9 | 76·5 | 90·2 | 80·0 | 112·5 | 79·2 | 0·814 | 70 | 163 | S by E | 78 | ... | Cloudy. |
| 8 | 29·738 | 0·114 | 83·2 | 77·1 | 93·0 | 77·5 | 143·2 | 75·2 | 0·850 | 75 | 161 | S S E | 89 | ... | Do. |
| 9 | 29·705 | 0·104 | 84·5 | 78·0 | 97·9 | 78·4 | 139·0 | 77·0 | 0·872 | 74 | 225 | S by W | 23 | ... | Fine with passing clouds. |
| 10 | 29·681 | 0·117 | 81·3 | 77·2 | 93·0 | 71·9 | 137·1 | 70·7 | 0·880 | 83 | 211 | S S W | 60 | 3·12 | Cloudy: heavy rain. |
| 11 | 29·737 | 0·070 | 82·6 | 77·1 | 89·5 | 78·6 | 131·4 | 77·1 | 0·858 | 77 | 142 | S W by S | 87 | ... | Cloudy. |
| 12 | 29·786 | 0·102 | 81·5 | 76·3 | 86·4 | 76·4 | 113·8 | 74·9 | 0·838 | 78 | 96 | S W | 98 | 0·03 | Overcast. |
| 13 | 29·790 | 0·089 | 78·8 | 74·8 | 81·8 | 77·5 | 91·7 | 75·0 | 0·810 | 82 | 94 | S W | 100 | 0·12 | Do. |
| 14 | 29·757 | 0·123 | 78·4 | 74·9 | 82·8 | 74·6 | 100·8 | 73·0 | 0·819 | 84 | 144 | S W | 100 | 0·06 | Do. |
| 15 | 29·772 | 0·141 | 78·4 | 74·2 | 84·6 | 74·7 | 108·0 | 73·2 | 0·790 | 81 | 203 | S W | 100 | 0·12 | Do. |
| 16 | 29·771 | 0·129 | 83·5 | 75·0 | 96·1 | 75·5 | 132·4 | 73·4 | 0·755 | 65 | 192 | S W | 57 | ... | Passing clouds. |
| 17 | 29·751 | 0·145 | 85·8 | 76·4 | 97·5 | 78·0 | 138·3 | 75·5 | 0·781 | 63 | 174 | S W by S | 57 | ... | Do. |
| 18 | 29·729 | 0·139 | 83·5 | 76·3 | 91·6 | 78·1 | 117·0 | 76·4 | 0·811 | 70 | 127 | S S W | 90 | ... | Overcast. |
| 19 | 29·696 | 0·130 | 83·3 | 76·9 | 94·0 | 77·3 | 136·5 | 75·2 | 0·839 | 73 | 153 | South | 50 | ... | |
| 20 | 29·661 | 0·103 | 85·0 | 76·5 | 98·7 | 78·5 | 149·8 | 76·1 | 0·799 | 66 | 204 | S by W | 53 | ... | |
| 21 | 29·655 | 0·086 | 84·4 | 75·7 | 97·2 | 79·6 | 137·6 | 76·6 | 0·772 | 65 | 200 | S S W | 82 | ... | |
| 22 | 29·689 | 0·108 | 84·7 | 75·4 | 95·5 | 78·1 | 135·5 | 75·5 | 0·756 | 63 | 198 | S W | 95 | 0·03 | |
| 23 | 29·739 | 0·117 | 84·1 | 76·2 | 98·2 | 78·5 | 143·5 | 74·7 | 0·798 | 68 | 170 | S S W | 43 | ... | |
| 24 | 29·767 | 0·108 | 84·1 | 76·8 | 94·7 | 78·0 | 147·7 | 75·7 | 0·824 | 71 | 146 | South | 69 | ... | |
| 25 | 29·748 | 0·137 | 81·6 | 77·3 | 91·6 | 75·3 | 135·4 | 75·1 | 0·880 | 82 | 186 | S W by W | 67 | 3·47 | Not recorded. |
| 26 | 29·733 | 0·103 | 82·2 | 77·0 | 86·8 | 78·0 | 110·0 | 76·1 | 0·859 | 78 | 145 | S W by S | 87 | 0·04 | |
| 27 | 29·769 | 0·063 | 78·2 | 74·3 | 86·2 | 74·7 | 109·8 | 72·5 | 0·796 | 82 | 211 | SW by W | 100 | 0·34 | |
| 28 | 29·717 | 0·114 | 80·5 | 74·0 | 90·4 | 74·3 | 131·2 | 71·3 | 0·753 | 72 | 169 | W by S | 90 | 0·17 | |
| 29 | 29·685 | 0·129 | 82·9 | 76·3 | 89·8 | 76·6 | 126·0 | 73·6 | 0·819 | 73 | 144 | West | 100 | ... | |
| 30 | 29·709 | 0·090 | 85·0 | 75·4 | 94·2 | 77·9 | 139·5 | 74·2 | 0·752 | 62 | 189 | W S W | 83 | ... | |
| 31 | 29·765 | 0·128 | 84·6 | 76·0 | 95·8 | 77·9 | 141·9 | 73·8 | 0·783 | 66 | 168 | S W | 57 | ... | |
| Mean | 29·737 | 0·110 | 83·3 | 75·9 | 93·0 | 77·7 | 130·5 | 75·6 | 0·798 | 70 | 175 | S W by S | 73 | 7·50 | |

## Madras Meteorological Observations. 1868—August.

| August 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·760 | 0·172 | 84·3 | 76·9 | 96·7 | 75·5 | 143·4 | 74·3 | 0·826 | 70 | 170 | S W | 83 | 0·23 | } Not recorded. |
| 2 | 29·782 | 0·102 | 83·7 | 77·2 | 89·2 | 80·1 | 136·3 | 77·8 | 0·847 | 73 | 254 | S S W | 87 | 0·03 | } |
| 3 | 29·782 | 0·104 | 77·6 | 74·0 | 93·9 | 73·8 | 150·8 | 72·2 | 0·793 | 84 | 262 | S W by S | 92 | 0·91 | Cloudy with rain |
| 4 | 29·784 | 0·096 | 79·2 | 74·9 | 87·3 | 73·6 | 128·4 | 73·4 | 0·809 | 81 | 195 | W by S | 100 | 0·26 | Overcast with rain. |
| 5 | 29·746 | 0·107 | 79·4 | 74·1 | 89·4 | 73·4 | 134·5 | 72·9 | 0·785 | 78 | 185 | W by S | 98 | 1·30 | Do. |
| 6 | 29·635 | 0·147 | 82·9 | 76·3 | 91·9 | 73·4 | 138·2 | 73·6 | 0·819 | 73 | 150 | West | 97 | ... | Overcast. |
| 7 | 29·624 | 0·105 | 84·1 | 76·7 | 94·4 | 77·8 | 145·2 | 75·3 | 0·820 | 70 | 232 | S W | 70 | 0·05 | Passing clouds. |
| 8 | 29·676 | 0·113 | 85·2 | 76·8 | 95·7 | 76·9 | 141·4 | 73·5 | 0·809 | 66 | 208 | S W by S | 47 | ... | Fine with passing clouds. |
| 9 | 29·689 | 0·133 | 86·7 | 75·0 | 96·7 | 78·6 | 147·8 | 73·4 | 0·711 | 56 | 218 | S W by W | 57 | ... | Passing clouds. |
| 10 | 29·737 | 0·135 | 87·9 | 75·9 | 98·9 | 78·5 | 141·7 | 72·8 | 0·734 | 56 | 283 | W S W | 30 | ... | Light clouds. |
| 11 | 29·744 | 0·139 | 88·5 | 75·4 | 97·8 | 81·1 | 143·0 | 77·0 | 0·705 | 52 | 279 | W S W | 63 | 0·05 | Passing clouds. |
| 12 | 29·767 | 0·121 | 85·8 | 76·5 | 97·7 | 78·7 | 145·8 | 74·5 | 0·788 | 64 | 256 | W by S | 70 | 0·03 | Do. |
| 13 | 29·772 | 0·133 | 84·7 | 76·3 | 99·2 | 79·6 | 143·0 | 75·3 | 0·794 | 66 | 208 | W S W | 83 | 0·03 | Cloudy. |
| 14 | 29·767 | 0·148 | 85·4 | 75·8 | 97·6 | 80·1 | 143·3 | 74·6 | 0·764 | 63 | 206 | South | 40 | ... | Passing clouds. |
| 15 | 29·785 | 0·132 | 85·0 | 77·5 | 98·6 | 80·2 | 143·3 | 77·7 | 0·844 | 70 | 150 | South | 60 | ... | Do. |
| 16 | 29·764 | 0·175 | 86·6 | 76·6 | 98·5 | 77·9 | 140·7 | 76·7 | 0·782 | 62 | 223 | S W | 63 | 0·14 | Do. |
| 17 | 29·749 | 0·137 | 87·1 | 75·9 | 98·5 | 80·4 | 145·8 | 75·9 | 0·744 | 57 | 216 | S W by S | 63 | 0·13 | Do. |
| 18 | 29·787 | 0·118 | 84·6 | 74·8 | 97·0 | 77·8 | 142·5 | 72·1 | 0·731 | 61 | 184 | S W | 67 | 0·11 | Do. |
| 19 | 29·785 | 0·132 | 84·3 | 75·8 | 96·8 | 77·9 | 145·7 | 73·0 | 0·778 | 66 | 180 | South | 33 | ... | Fine with passing clouds. |
| 20 | 29·759 | 0·127 | 85·2 | 76·9 | 96·4 | 78·7 | 146·8 | 74·6 | 0·814 | 67 | 180 | S by E | 27 | ... | Do. |
| 21 | 29·729 | 0·117 | 85·9 | 77·2 | 100·9 | 79·7 | 150·6 | 75·6 | 0·817 | 65 | 178 | S by E | 37 | ... | Do. |
| 22 | 29·737 | 0·102 | 85·6 | 77·2 | 98·1 | 79·9 | 147·9 | 77·9 | 0·821 | 66 | 162 | S by E | 60 | ... | Light clouds. |
| 23 | 29·765 | 0·111 | 85·9 | 76·5 | 97·7 | 78·8 | 151·7 | 75·2 | 0·787 | 63 | 160 | S by E | 47 | ... | Fine with passing clouds. |
| 24 | 29·799 | 0·142 | 84·9 | 77·0 | 99·3 | 78·1 | 145·9 | 76·7 | 0·822 | 68 | 184 | S S W | 70 | ... | Cloudy. |
| 25 | 29·798 | 0·142 | 86·0 | 77·3 | 98·4 | 78·5 | 147·4 | 74·0 | 0·820 | 65 | 128 | S by E | 40 | ... | Hazy. |
| 26 | 29·813 | 0·138 | 83·9 | 75·2 | 92·0 | 76·8 | 119·6 | 75·9 | 0·758 | 64 | 163 | S W | 93 | ... | Overcast. |
| 27 | 29·763 | 0·138 | 85·6 | 76·7 | 101·8 | 78·3 | 153·5 | 73·9 | 0·799 | 65 | 156 | S by W | 67 | ... | Passing clouds. |
| 28 | 29·742 | 0·144 | 85·4 | 76·4 | 99·1 | 78·8 | 143·6 | 75·1 | 0·789 | 64 | 140 | S W by W | 80 | 0·12 | Cloudy. |
| 29 | 29·746 | 0·120 | 75·6 | 74·0 | 76·4 | 75·0 | 86·4 | 74·4 | 0·820 | 93 | 147 | West | 100 | 0·94 | Overcast with rain. |
| 30 | 29·701 | 0·096 | 79·8 | 74·0 | 86·9 | 74·0 | 124·8 | 73·4 | 0·763 | 76 | 183 | W by S | 100 | 0·17 | Do. |
| 31 | 29·810 | 0·089 | 80·7 | 74·8 | 91·8 | 73·7 | 139·8 | 71·6 | 0·783 | 74 | 151 | S by E | 70 | ... | Cloudy. |
| Mean | 29·751 | 0·126 | 84·1 | 76·0 | 95·3 | 77·6 | 140·6 | 74·7 | 0·790 | 68 | 193 | S W by S | 68 | 4·50 | |

# Madras Meteorological Observations. 1868—September.

| September 1868 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·876 | 0·134 | 81·7 | 77·0 | 93·1 | 74·6 | 142·2 | 73·5 | 0·866 | 80 | 114 | South | 43 | ... | Passing clouds. |
| 2 | 29·879 | 0·128 | 82·5 | 77·0 | 94·5 | 76·2 | 146·0 | 73·6 | 0·855 | 77 | 128 | S S E | 43 | ... | Do. |
| 3 | 29·828 | 0·154 | 82·6 | 76·1 | 95·6 | 74·5 | 151·2 | 72·5 | 0·813 | 73 | 169 | S by W | 33 | ... | Fine with passing clouds. |
| 4 | 29·813 | 0·119 | 82·5 | 75·7 | 95·5 | 75·6 | 145·7 | 73·8 | 0·798 | 72 | 181 | S W by S | 53 | ... | Passing clouds. |
| 5 | 29·798 | 0·134 | 82·3 | 76·0 | 97·3 | 76·8 | 149·5 | 74·9 | 0·815 | 74 | 188 | S S W | 65 | 0·62 | Showery. |
| 6 | 29·801 | 0·121 | 79·3 | 74·6 | 87·2 | 72·6 | 122·6 | 71·1 | 0·795 | 79 | 200 | West | 95 | 1·46 | Overcast with rain. |
| 7 | 29·783 | 0·143 | 81·5 | 76·1 | 93·7 | 76·7 | 152·2 | 75·0 | 0·829 | 77 | 139 | W by S | 87 | 0·21 | Cloudy. |
| 8 | 29·784 | 0·116 | 79·7 | 74·5 | 86·9 | 73·4 | 113·9 | 73·8 | 0·785 | 77 | 182 | W by S | 90 | 0·15 | Do. |
| 9 | 29·759 | 0·144 | 81·8 | 74·6 | 91·9 | 75·8 | 136·2 | 73·5 | 0·761 | 70 | 164 | W by N | 85 | 0·07 | Do. |
| 10 | 29·729 | 0·141 | 81·9 | 74·9 | 90·3 | 76·4 | 143·9 | 74·6 | 0·772 | 71 | 220 | W S W | 92 | 0·11 | Do. |
| 11 | 29·718 | 0·110 | 82·0 | 75·1 | 89·7 | 76·8 | 136·2 | 74·4 | 0·779 | 71 | 184 | West | 87 | ... | Do. |
| 12 | 29·693 | 0·126 | 83·9 | 75·7 | 91·8 | 78·6 | 127·4 | 75·7 | 0·779 | 67 | 192 | W S W | 83 | ... | Do. |
| 13 | 29·689 | 0·127 | 84·6 | 76·1 | 96·0 | 78·3 | 146·5 | 74·6 | 0·787 | 66 | 175 | South | 47 | ... | Passing clouds. |
| 14 | 29·710 | 0·104 | 84·6 | 77·3 | 98·4 | 78·4 | 150·2 | 74·6 | 0·840 | 70 | 160 | S by E | 27 | ... | Fine with passing clouds. |
| 15 | 29·720 | 0·120 | 84·7 | 75·7 | 98·7 | 75·6 | 145·2 | 70·8 | 0·768 | 64 | 190 | S by W | 30 | ... | Do. |
| 16 | 29·714 | 0·125 | 84·7 | 76·8 | 98·1 | 77·5 | 144·9 | 74·6 | 0·816 | 68 | 190 | S by E | 67 | ... | |
| 17 | 29·702 | 0·116 | 85·3 | 76·3 | 97·2 | 78·6 | 147·4 | 74·6 | 0·786 | 64 | 176 | S E by S | 53 | ... | |
| 18 | 29·708 | 0·149 | 87·8 | 75·3 | 99·5 | 79·8 | 145·8 | 76·7 | 0·710 | 54 | 134 | S S W | 50 | ... | |
| 19 | 29·738 | 0·116 | 83·4 | 75·2 | 101·4 | 80·3 | 147·1 | 75·8 | 0·765 | 66 | 224 | S W by S | 67 | 0·40 | |
| 20 | 29·741 | 0·168 | 85·3 | 76·1 | 96·2 | 77·2 | 140·1 | 74·2 | 0·778 | 64 | 258 | S W | 67 | ... | Not recorded. |
| 21 | 29·751 | 0·132 | 85·1 | 76·9 | 99·9 | 79·8 | 151·8 | 76·4 | 0·815 | 67 | 208 | S W | 55 | 0·15 | |
| 22 | 29·803 | 0·117 | 83·4 | 76·0 | 99·5 | 79·2 | 148·7 | 77·3 | 0·799 | 70 | 158 | S by W | 73 | 0·39 | |
| 23 | 29·785 | 0·143 | 84·5 | 77·8 | 96·6 | 76·2 | 144·3 | 75·5 | 0·865 | 73 | 191 | S by E | 53 | ... | |
| 24 | 29·768 | 0·052 | 86·0 | 77·1 | 95·9 | 80·7 | 147·9 | 77·4 | 0·811 | 65 | 137 | E by S | 63 | 0·10 | |
| 25 | 29·780 | 0·094 | 84·8 | 77·2 | 94·8 | 78·5 | 146·3 | 75·6 | 0·833 | 70 | 120 | S S E | 77 | ... | Cloudy. |
| 26 | 29·814 | 0·126 | 84·1 | 77·8 | 92·3 | 78·2 | 144·3 | 75·5 | 0·869 | 74 | 133 | S E | 67 | ... | |
| 27 | 29·845 | 0·148 | 83·7 | 78·4 | 91·7 | 77·9 | 141·6 | 74·8 | 0·902 | 78 | 168 | S E by S | 22 | ... | |
| 28 | 29·851 | 0·143 | 83·4 | 77·3 | 89·1 | 78·0 | 140·6 | 75·0 | 0·856 | 75 | 197 | S E by S | 17 | ... | Not recorded. |
| 29 | 29·815 | 0·169 | 84·4 | 77·9 | 94·9 | 77·3 | 144·2 | 75·1 | 0·869 | 74 | 204 | S S E | 13 | ... | |
| 30 | 29·805 | 0·145 | 82·7 | 76·8 | 93·1 | 79·5 | 146·2 | 77·0 | 0·843 | 75 | 100 | S S E | 63 | ... | |
| Mean | 29·773 | 0·129 | 83·5 | 76·3 | 94·7 | 77·3 | 143·0 | 74·7 | 0·812 | 71 | 173 | S by W | 59 | 3·66 | |

# Madras Meteorological Observations. 1868—October.

| October 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·820 | 0·152 | 82·9 | 77·6 | 91·7 | 76·7 | 145·6 | 73·7 | 0·877 | 78 | 164 | S by E | 50 | 0·32 | F. p. cl.: thunderstorm. |
| 2 | 29·806 | 0·153 | 83·6 | 77·6 | 94·1 | 77·1 | 143·2 | 74·8 | 0·867 | 75 | 156 | South | 40 | ... | Fine with passing clouds. |
| 3 | 29·817 | 0·138 | 84·1 | 78·3 | 95·7 | 76·5 | 139·5 | 75·3 | 0·892 | 76 | 181 | S by W | 43 | ... | Passing clouds |
| 4 | 29·815 | 0·127 | 84·3 | 77·5 | 99·1 | 80·1 | 150·2 | 78·3 | 0·853 | 73 | 153 | S by E | 30 | ... | Passing clouds: th. |
| 5 | 29·812 | 0·126 | 84·4 | 78·0 | 97·4 | 76·7 | 146·9 | 73·4 | 0·873 | 74 | 132 | S by E | 27 | ... | Light clouds |
| 6 | 29·782 | 0·145 | 84·8 | 79·1 | 93·2 | 78·5 | 141·2 | 74·7 | 0·918 | 77 | 158 | S E | 27 | ... | Fine with passing clouds. |
| 7 | 29·773 | 0·132 | 84·9 | 78·6 | 98·4 | 76·7 | 151·0 | 72·2 | 0·894 | 75 | 135 | S S E | 52 | ... | Light clouds. |
| 8 | 29·782 | 0·111 | 85·4 | 75·9 | 94·8 | 77·7 | 148·3 | 76·1 | 0·768 | 63 | 178 | N N W | 83 | ... | Cloudy. |
| 9 | 29·814 | 0·082 | 84·3 | 76·7 | 95·9 | 77·5 | 155·8 | 74·6 | 0·818 | 70 | 129 | N E by E | 75 | ... | Do. |
| 10 | 29·851 | 0·119 | 83·5 | 74·0 | 92·6 | 76·7 | 140·6 | 73·9 | 0·713 | 62 | 114 | E N E | 37 | ... | Fine with passing clouds. |
| 11 | 29·871 | 0·081 | 82·8 | 74·8 | 91·7 | 72·4 | 139·4 | 68·9 | 0·756 | 67 | 113 | E N E | 13 | ... | Fine. |
| 12 | 29·879 | 0·093 | 83·3 | 75·4 | 92·6 | 74·9 | 141·2 | 71·8 | 0·777 | 67 | 152 | E N E | 10 | ... | Do. |
| 13 | 29·873 | 0·125 | 83·6 | 75·7 | 91·7 | 75·8 | 142·2 | 73·0 | 0·793 | 68 | 138 | N E by E | 13 | ... | Do. |
| 14 | 29·883 | 0·131 | 84·0 | 77·0 | 92·5 | 76·2 | 143·9 | 73·7 | 0·834 | 72 | 109 | E N E | 47 | ... | Light clouds. |
| 15 | 29·890 | 0·116 | 84·0 | 76·7 | 92·4 | 77·9 | 139·5 | 76·1 | 0·821 | 71 | 109 | E by N | 32 | ... | Fine with passing clouds. |
| 16 | 29·907 | 0·120 | 83·7 | 77·1 | 91·1 | 76·5 | 141·4 | 73·8 | 0·843 | 73 | 124 | E by S | 45 | 0·23 | Passing clouds: lg. S. E. |
| 17 | 29·913 | 0·131 | 80·7 | 76·3 | 88·9 | 76·6 | 140·9 | 76·3 | 0·848 | 80 | 97 | E N E | 70 | 1·67 | Cloudy with rain. |
| 18 | 29·913 | 0·106 | 80·8 | 76·5 | 88·3 | 76·6 | 139·2 | 73·4 | 0·856 | 82 | 112 | E N E | 77 | 0·59 | Do. |
| 19 | 29·938 | 0·125 | 76·9 | 74·9 | 79·5 | 75·9 | 87·2 | 74·7 | 0·840 | 91 | 88 | N N W | 82 | 0·82 | Cloudy: lg. N. W. |
| 20 | 29·922 | 0·112 | 78·3 | 76·9 | 82·4 | 74·0 | 130·1 | 72·6 | 0·907 | 93 | 124 | N by E | 90 | 0·68 | Cloudy: th. and lg. N. |
| 21 | 29·915 | 0·097 | 76·8 | 75·1 | 82·4 | 72·9 | 96·7 | 72·4 | 0·850 | 92 | 74 | N by E | 87 | 1·08 | Cloudy. |
| 22 | 29·889 | 0·102 | 80·0 | 75·5 | 88·2 | 74·0 | 137·0 | 71·4 | 0·823 | 80 | 118 | N E by N | 47 | ... | Light clouds. |
| 23 | 29·875 | 0·110 | 79·7 | 74·9 | 88·7 | 73·8 | 136·0 | 71·1 | 0·801 | 79 | 97 | N E by N | 30 | ... | Do. |
| 24 | 29·882 | 0·118 | 79·2 | 73·1 | 88·1 | 71·9 | 136·0 | 68·4 | 0·734 | 74 | 137 | N by E | 23 | ... | Fine with passing clouds. |
| 25 | 29·851 | 0·127 | 79·9 | 74·0 | 87·7 | 71·7 | 138·4 | 67·8 | 0·761 | 74 | 163 | N by E | 67 | ... | Passing clouds. |
| 26 | 29·849 | 0·089 | 78·4 | 71·4 | 84·8 | 76·4 | 103·3 | 73·0 | 0·799 | 82 | 239 | North | 98 | 0·23 | Overcast: lg. S. E. |
| 27 | 29·905 | 0·084 | 76·5 | 74·9 | 81·5 | 75·3 | 125·0 | 74·0 | 0·845 | 93 | 202 | N N E | 97 | 1·30 | Overcast with rain. |
| 28 | 29·921 | 0·133 | 81·2 | 77·2 | 88·5 | 74·4 | 136·8 | 73·4 | 0·881 | 83 | 178 | N by E | 60 | 0·21 | Passing clouds. |
| 29 | 29·923 | 0·119 | 82·6 | 76·3 | 88·9 | 79·0 | 141·3 | 74·7 | 0·823 | 74 | 174 | N E by N | 67 | ... | Do. |
| 30 | 29·898 | 0·131 | 81·4 | 75·1 | 88·5 | 74·5 | 136·7 | 71·2 | 0·788 | 73 | 190 | N N E | 73 | ... | Cloudy. |
| 31 | 29·880 | 0·111 | 78·0 | 75·3 | 87·5 | 76·9 | 141·2 | 74·1 | 0·842 | 88 | 168 | N E by E | 90 | 1·15 | Cloudy: rain: lg. N. |
| Mean | 29·866 | 0·118 | 81·7 | 76·1 | 90·3 | 75·9 | 136·6 | 73·3 | 0·829 | 77 | 142 | E N E | 54 | 8·28 | |

# Madras Meteorological Observations. 1868—November.

| November 1868 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·907 | 0·129 | 77·9 | 75·4 | 82·5 | 75·3 | 115·8 | 73·8 | 0·848 | 89 | 112 | N E | 85 | 1·48 | Cloudy with rain. |
| 2 | 29·912 | 0·100 | 79·6 | 76·1 | 87·3 | 74·8 | 135·9 | 72·8 | 0·855 | 85 | 185 | N E by E | 75 | 0·32 | Cloudy ; th. and lg. N. |
| 3 | 29·941 | 0·095 | 78·2 | 75·5 | 83·4 | 75·6 | 119·8 | 73·5 | 0·847 | 88 | 105 | N by E | 83 | 0·47 | Cloudy. |
| 4 | 29·913 | 0·116 | 77·4 | 75·4 | 81·2 | 73·8 | 97·8 | 73·0 | 0·855 | 91 | 164 | N N W | 98 | 0·03 | Overcast. |
| 5 | 29·798 | 0·133 | 78·4 | 74·4 | 80·7 | 76·4 | 106·4 | 73·8 | 0·798 | 82 | 259 | N N W | 100 | 0·03 | Do. |
| 6 | 29·727 | 0·104 | 78·0 | 72·4 | 81·1 | 75·8 | 114·5 | 73·7 | 0·722 | 75 | 296 | N N W | 100 | ... | Do. |
| 7 | 29·742 | 0·075 | 76·4 | 69·1 | 79·6 | 74·3 | 110·0 | 72·2 | 0·615 | 68 | 271 | N W by N | 97 | ... | Do. |
| 8 | 29·779 | 0·132 | 76·7 | 69·6 | 85·5 | 71·0 | 131·4 | 67·1 | 0·630 | 69 | 187 | N by W | 13 | ... | Fine. |
| 9 | 29·776 | 0·058 | 75·7 | 69·3 | 86·4 | 65·4 | 133·8 | 59·9 | 0·631 | 71 | 120 | N by W | 50 | ... | Fine with light clouds. |
| 10 | 29·796 | 0·146 | 75·6 | 70·1 | 90·1 | 66·4 | 136·0 | 61·5 | 0·664 | 75 | 92 | S W | 47 | ... | Light clouds. |
| 11 | 29·851 | 0·108 | 77·2 | 71·7 | 91·2 | 68·1 | 137·6 | 61·7 | 0·704 | 75 | 123 | S S E | 22 | ... | Fine with light clouds. |
| 12 | 29·909 | 0·125 | 79·1 | 74·2 | 91·1 | 71·3 | 144·5 | 66·4 | 0·781 | 78 | 122 | South | 20 | ... | Do. |
| 13 | 29·916 | 0·124 | 78·5 | 74·2 | 91·5 | 71·4 | 146·6 | 66·8 | 0·789 | 81 | 105 | S S E | 17 | ... | Fine. |
| 14 | 29·927 | 0·132 | 78·9 | 73·7 | 91·0 | 71·7 | 145·4 | 66·9 | 0·763 | 77 | 95 | S E by E | 12 | ... | Do. |
| 15 | 29·963 | 0·100 | 79·4 | 72·8 | 87·5 | 70·7 | 135·7 | 66·5 | 0·720 | 72 | 132 | East | 30 | ... | Fine with light clouds. |
| 16 | 30·037 | 0·102 | 78·7 | 69·2 | 86·3 | 70·4 | 134·9 | 63·8 | 0·588 | 60 | 200 | N E | 23 | ... | Do. |
| 17 | 30·046 | 0·114 | 76·1 | 68·0 | 87·5 | 66·1 | 140·7 | 59·6 | 0·578 | 64 | 164 | N N E | 8 | ... | Fine. |
| 18 | 30·023 | 0·106 | 75·1 | 67·5 | 87·0 | 64·8 | 138·5 | 57·2 | 0·575 | 66 | 116 | N N E | 13 | ... | Do. |
| 19 | 29·990 | 0·134 | 75·6 | 67·7 | 86·3 | 65·0 | 144·7 | 58·2 | 0·573 | 64 | 139 | N by E | 2 | ... | Clear. |
| 20 | 29·977 | 0·111 | 75·5 | 68·3 | 85·7 | 65·5 | 137·4 | 58·4 | 0·597 | 67 | 161 | N N E | 8 | ... | Fine. |
| 21 | 29·981 | 0·089 | 76·8 | 68·2 | 85·0 | 67·5 | 138·2 | 62·0 | 0·576 | 62 | 203 | N N E | 43 | ... | Fine with light clouds. |
| 22 | 29·989 | 0·070 | 77·8 | 67·8 | 86·0 | 69·2 | 139·4 | 63·7 | 0·547 | 58 | 205 | N E by N | 40 | ... | Do. |
| 23 | 30·014 | 0·105 | 75·9 | 67·8 | 86·0 | 66·2 | 142·9 | 59·5 | 0·573 | 64 | 173 | N N E | 50 | ... | Do. |
| 24 | 30·018 | 0·118 | 74·5 | 67·5 | 85·0 | 66·0 | 138·9 | 60·3 | 0·581 | 68 | 170 | N by E | 43 | ... | Do. |
| 25 | 30·034 | 0·119 | 75·6 | 68·2 | 85·1 | 67·1 | 138·3 | 61·0 | 0·592 | 66 | 192 | N N E | 38 | ... | Fine with passing clouds. |
| 26 | 30·018 | 0·119 | 75·4 | 68·5 | 85·9 | 67·7 | 139·3 | 62·4 | 0·605 | 69 | 199 | N N E | 27 | ... | Fine with light clouds. |
| 27 | 29·978 | 0·127 | 77·2 | 72·2 | 87·1 | 67·9 | 143·7 | 62·7 | 0·724 | 77 | 217 | North | 67 | ... | Passing clouds. |
| 28 | 29·993 | 0·086 | 77·0 | 74·6 | 84·2 | 74·9 | 127·9 | 73·7 | 0·826 | 89 | 169 | N E | 98 | 0·82 | Overcast with rain. |
| 29 | 30·015 | 0·112 | 77·9 | 75·5 | 85·0 | 76·6 | 129·3 | 74·0 | 0·852 | 89 | 143 | E N E | 97 | 1·61 | Do. |
| 30 | 29·975 | 0·126 | 77·4 | 74·7 | 84·6 | 74·1 | 134·4 | 73·0 | 0·825 | 88 | 199 | N N E | 95 | 0·24 | Do. |
| Mean | 29·932 | 0·111 | 77·1 | 71·3 | 85·9 | 70·4 | 132·7 | 66·0 | 0·694 | 74 | 167 | N E | 50 | 4·98 | |

## Madras Meteorological Observations. 1868—December.

| December 1868 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·960 | 0·120 | 78·2 | 73·4 | 84·7 | 73·9 | 135·1 | 72·0 | 0·760 | 79 | 243 | N E | 45 | 0·52 | Fine with light clouds : rain. |
| 2 | 30·014 | 0·094 | 76·9 | 71·4 | 84·5 | 72·0 | 133·7 | 68·1 | 0·696 | 75 | 257 | N E by N | 60 | ... | Light passing clouds. |
| 3 | 30·030 | 0·092 | 77·5 | 72·2 | 82·8 | 75·0 | 132·7 | 72·5 | 0·721 | 76 | 285 | N by E | 92 | ... | Cloudy. |
| 4 | 30·047 | 0·085 | 78·8 | 72·6 | 84·2 | 75·8 | 135·0 | 73·0 | 0·719 | 73 | 316 | N N E | 57 | ... | Passing clouds. |
| 5 | 30·053 | 0·096 | 76·2 | 70·5 | 83·2 | 69·4 | 133·4 | 65·6 | 0·673 | 74 | 229 | N N E | 47 | ... | Do. |
| 6 | 30·047 | 0·128 | 74·8 | 70·8 | 84·9 | 68·7 | 137·6 | 65·1 | 0·701 | 81 | 160 | N by E | 37 | ... | Fine with passing clouds. |
| 7 | 30·005 | 0·121 | 75·9 | 71·1 | 84·8 | 69·6 | 138·2 | 65·4 | 0·699 | 78 | 211 | N by E | 27 | ... | Do. |
| 8 | 29·987 | 0·122 | 75·6 | 69·7 | 84·1 | 69·7 | 135·5 | 65·4 | 0·649 | 73 | 238 | N by E | 20 | ... | Fine. |
| 9 | 29·983 | 0·119 | 72·1 | 67·0 | 82·8 | 64·7 | 137·5 | 58·1 | 0·595 | 76 | 174 | N N E | 8 | ... | Do. |
| 10 | 29·989 | 0·120 | 73·7 | 68·8 | 84·2 | 65·6 | 136·3 | 60·0 | 0·639 | 76 | 116 | N N E | 10 | ... | Do. |
| 11 | 29·956 | 0·125 | 73·3 | 68·5 | 84·5 | 66·0 | 140·1 | 60·0 | 0·636 | 78 | 94 | N E by E | 23 | ... | Fine with light clouds. |
| 12 | 29·939 | 0·105 | 70·9 | 66·9 | 81·7 | 61·3 | 131·8 | 53·6 | 0·608 | 80 | 80 | E by S | 37 | ... | Light clouds. |
| 13 | 29·970 | 0·103 | 71·9 | 67·1 | 82·9 | 61·5 | 133·2 | 55·1 | 0·602 | 77 | 97 | E by S | 43 | ... | Passing clouds. |
| 14 | 30·020 | 0·114 | 74·4 | 69·5 | 84·9 | 65·1 | 136·0 | 61·1 | 0·656 | 77 | 104 | E N E | 40 | ... | Do. |
| 15 | 30·033 | 0·110 | 75·9 | 69·2 | 84·5 | 66·4 | 135·6 | 62·1 | 0·625 | 70 | 203 | N E by N | 43 | ... | Do. |
| 16 | 30·054 | 0·103 | 78·1 | 69·8 | 84·6 | 73·2 | 135·9 | 68·6 | 0·618 | 64 | 320 | N E by N | 50 | ... | Do. |
| 17 | 30·078 | 0·085 | 78·0 | 70·7 | 84·5 | 75·4 | 142·5 | 73·0 | 0·655 | 69 | 316 | N N E | 68 | ... | Do. |
| 18 | 30·046 | 0·133 | 74·8 | 68·8 | 85·3 | 70·5 | 145·6 | 66·3 | 0·625 | 72 | 217 | N N E | 47 | ... | Light clouds. |
| 19 | 30·023 | 0·137 | 74·1 | 69·0 | 85·3 | 66·0 | 136·8 | 59·8 | 0·642 | 76 | 160 | N by E | 17 | ... | Fine. |
| 20 | 30·020 | 0·113 | 76·5 | 70·5 | 84·6 | 67·1 | 135·4 | 61·8 | 0·667 | 73 | 214 | N N E | 33 | ... | Fine with passing clouds. |
| 21 | 29·990 | 0·113 | 77·3 | 71·2 | 84·6 | 72·0 | 130·4 | 70·4 | 0·683 | 73 | 269 | N N E | 75 | ... | Cloudy. |
| 22 | 29·963 | 0·141 | 76·0 | 70·3 | 85·3 | 68·8 | 139·4 | 64·9 | 0·666 | 74 | 227 | N E by N | 48 | ... | Passing clouds. |
| 23 | 29·968 | 0·105 | 75·7 | 69·1 | 83·7 | 68·0 | 134·5 | 62·5 | 0·622 | 71 | 246 | N E by N | 27 | ... | Fine with passing clouds. |
| 24 | 29·985 | 0·131 | 74·8 | 67·9 | 83·7 | 65·6 | 136·9 | 59·8 | 0·591 | 68 | 201 | N E by N | 33 | ... | Do. |
| 25 | 29·989 | 0·117 | 75·1 | 68·2 | 84·2 | 65·7 | 137·2 | 60·7 | 0·598 | 68 | 131 | N E by E | 20 | ... | Fine. |
| 26 | 29·996 | 0·113 | 75·3 | 70·1 | 86·3 | 66·2 | 141·4 | 61·9 | 0·668 | 76 | 153 | N E | 30 | ... | Fine with passing clouds. |
| 27 | 29·983 | 0·079 | 75·1 | 70·1 | 85·9 | 67·8 | 137·2 | 62·0 | 0·671 | 77 | 188 | N N E | 43 | ... | Passing clouds. |
| 28 | 30·002 | 0·125 | 74·8 | 68·3 | 84·4 | 64·1 | 137·1 | 62·2 | 0·607 | 70 | 187 | N N E | 43 | ... | Do. |
| 29 | 29·989 | 0·109 | 76·4 | 70·1 | 85·5 | 67·9 | 136·2 | 63·8 | 0·653 | 72 | 169 | N N E | 63 | ... | Do. |
| 30 | 29·983 | 0·084 | 74·6 | 70·6 | 83·4 | 67·7 | 134·5 | 61·6 | 0·696 | 81 | 134 | N E by N | 70 | ... | Do. |
| 31 | 29·985 | 0·112 | 76·7 | 71·2 | 85·9 | 70·1 | 147·1 | 65·8 | 0·691 | 75 | 235 | N E by N | 90 | ... | Cloudy. |
| Mean | 30·003 | 0·111 | 75·5 | 69·8 | 84·4 | 68·4 | 136·8 | 63·9 | 0·656 | 74 | 199 | N E by N | 43 | 0·52 | |

## Madras Mean Monthly and Annual Meteorological Results in 1868.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·984 | 0·120 | 75·4 | 84·5 | 67·8 | 16·7 | 70·2 | 66·3 | 0·673 | 76 | 130·9 | 62·0 | 180 | 4 | N E | 4·77 | 3 | 61 |
| February | 29·956 | 0·126 | 76·4 | 86·0 | 67·6 | 18·4 | 71·5 | 67·2 | 0·709 | 78 | 133·7 | 62·8 | 128 | 8 | East | 0·03 | 1 | 85 |
| March | 29·909 | 0·129 | 79·2 | 88·8 | 70·3 | 18·5 | 72·6 | 68·8 | 0·713 | 71 | 137·9 | 67·2 | 151 | 11 | S E by E | ... | ... | 73 |
| April | 29·826 | 0·141 | 84·8 | 93·9 | 77·7 | 16·2 | 77·6 | 74·9 | 0·853 | 72 | 143·5 | 75·7 | 223 | 14 | S S E | ... | ... | 77 |
| May | 29·779 | 0·122 | 86·7 | 95·5 | 81·1 | 14·4 | 79·5 | 76·9 | 0·912 | 72 | 142·4 | 79·6 | 232 | 13 | S E by S | ... | ... | 75 |
| June | 29·721 | 0·120 | 85·0 | 96·7 | 79·5 | 17·2 | 77·0 | 74·1 | 0·825 | 69 | 136·7 | 78·1 | 216 | 18 | S S W | 7·19 | 9 | 33 |
| July | 29·737 | 0·110 | 83·3 | 93·0 | 77·7 | 15·3 | 75·9 | 73·0 | 0·798 | 70 | 130·5 | 75·6 | 175 | 19 | S W by S | 7·50 | 10 | 27 |
| August | 29·751 | 0·126 | 84·1 | 95·3 | 77·6 | 17·7 | 76·0 | 73·2 | 0·790 | 68 | 140·6 | 74·7 | 193 | 19 | S W by S | 4·50 | 15 | 32 |
| September | 29·773 | 0·129 | 83·5 | 94·7 | 77·3 | 17·4 | 76·3 | 73·4 | 0·812 | 71 | 143·0 | 74·7 | 173 | 17 | S by W | 3·66 | 10 | 41 |
| October | 29·866 | 0·118 | 81·7 | 90·3 | 75·9 | 14·4 | 76·1 | 73·5 | 0·829 | 77 | 136·6 | 73·3 | 142 | 6 | E N E | 8·28 | 11 | 46 |
| November | 29·932 | 0·111 | 77·1 | 85·9 | 70·4 | 15·5 | 71·3 | 68·2 | 0·694 | 74 | 132·7 | 66·0 | 167 | 4 | N E | 4·98 | 8 | 50 |
| December | 30·003 | 0·111 | 75·5 | 84·4 | 68·4 | 16·0 | 69·8 | 66·7 | 0·656 | 74 | 136·8 | 63·9 | 199 | 3 | N E by N | 0·52 | 1 | 57 |
| Annual | 29·853 | 0·122 | 81·1 | 90·8 | 74·3 | 16·5 | 74·5 | 71·4 | 0·772 | 73 | 137·1 | 71·1 | 182 | 11 | S E | 41·43 | 68 | 55 |

## Madras Extreme Monthly Meteorological Records in 1868.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·126 | 2 | 29·832 | 23 | 0·294 | 86·4 | 14 | 62·6 | 19 | 61·6 | 19 | 51 | 1 | 137·8 | 7 | 56·2 | 5 | 291 | 15 | 94 | 10 | 2·64 | 24 |
| February | 30·122 | 9 | 29·781 | 24 | 0·341 | 95·2 | 29 | 63·5 | 9 | 62·8 | 9 | 40 | 29 | 142·7 | 29 | 56·5 | 9 | 186 | 24 | 94 | 14 | 0·03 | 4 |
| March | 30·050 | 12 | 29·724 | 7 | 0·326 | 100·2 | 1 | 65·3 | 6 | 60·7 | 1 | 33 | 1 | 145·1 | 1 | 60·7 | 5 | 225 | 10 | 103 | 13 | ... | ... |
| April | 30·047 | 1 | 29·655 | 27 | 0·392 | 106·7 | 30 | 73·8 | 9 | 72·4 | 8 | 29 | 30 | 152·7 | 23 | 70·9 | 7 | 351 | 28 | 139 | 18 | ... | ... |
| May | 29·959 | 17 | 29·572 | 30 | 0·387 | 104·9 | 1 | 78·0 | 19 | 70·7 | 1 | 32 | 1 | 150·7 | 1 | 75·7 | 19 | 352 | 12 | 148 | 17 | ... | ... |
| June | 29·885 | 20 | 29·389 | 6 | 0·496 | 101·4 | 27 | 75·8 | 20 | 70·8 | 22 | 32 | 22 | 146·3 | 18 | 74·3 | 18 | 319 | 6 | 86 | 4 | 4·08 | 4 |
| July | 29·841 | 15 | 29·602 | 21 | 0·239 | 102·1 | 3 | 71·9 | 10 | 69·7 | 10 | 44 | 5 | 150·6 | 3 | 70·7 | 10 | 252 | 3 | 94 | 13 | 3·47 | 25 |
| August | 29·879 | 26 | 29·553 | 7 | 0·326 | 101·8 | 27 | 73·4 | 5 | 71·1 | 31 | 42 | 17 | 153·5 | 27 | 71·6 | 31 | 283 | 10 | 128 | 25 | 1·30 | 5 |
| September | 29·941 | 2 | 29·612 | 13 | 0·329 | 101·4 | 19 | 72·6 | 6 | 70·4 | 15 | 40 | 18 | 152·2 | 7 | 70·8 | 15 | 258 | 20 | 100 | 30 | 1·46 | 6 |
| October | 29·999 | 19 | 29·705 | 6 | 0·294 | 99·1 | 4 | 71·7 | 25 | 69·9 | 25 | 43 | 10 | 155·8 | 9 | 67·8 | 25 | 239 | 26 | 88 | 19 | 1·67 | 17 |
| November | 30·100 | 17 | 29·688 | 6 | 0·412 | 91·5 | 13 | 64·8 | 18 | 63·0 | 17 | 44 | 17 | 146·6 | 13 | 57·2 | 18 | 296 | 6 | 92 | 10 | 1·61 | 29 |
| December | 30·123 | 18 | 29·896 | 12 | 0·227 | 86·3 | 26 | 61·3 | 12 | 61·2 | 12 | 57 | 25 | 147·1 | 31 | 53·6 | 12 | 320 | 16 | 80 | 12 | 0·52 | 1 |

## Madras Meteorological Observations. 1869—January.

| January 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 30·008 | 0·103 | 78·6 | 72·9 | 86·9 | 75·7 | 144·1 | 73·2 | 0·734 | 75 | 283 | N E | 83 | 0·02 | Cloudy. |
| 2 | 30·030 | 0·113 | 78·8 | 74·2 | 84·4 | 75·0 | 126·9 | 72·9 | 0·785 | 80 | 221 | N E by N | 80 | ... | Do. |
| 3 | 30·061 | 0·109 | 79·1 | 73·9 | 86·6 | 74·8 | 137·4 | 70·5 | 0·768 | 77 | 232 | N E | 42 | ... | Passing clouds. |
| 4 | 30·064 | 0·155 | 75·5 | 69·9 | 85·4 | 69·4 | 135·4 | 64·6 | 0·658 | 75 | 167 | N E by N | 30 | ... | Fine with passing clouds. |
| 5 | 30·028 | 0·135 | 74·5 | 69·6 | 85·3 | 67·5 | 138·8 | 62·4 | 0·658 | 77 | 107 | N E | 12 | ... | Fine. |
| 6 | 30·055 | 0·118 | 76·2 | 70·2 | 85·0 | 65·8 | 135·3 | 60·2 | 0·659 | 73 | 122 | E by N | 10 | ... | Do. |
| 7 | 30·057 | 0·136 | 76·4 | 71·2 | 86·7 | 67·7 | 141·5 | 63·8 | 0·695 | 76 | 120 | N E by E | 17 | ... | Do. |
| 8 | 30·032 | 0·120 | 76·6 | 71·6 | 86·0 | 69·0 | 139·5 | 64·6 | 0·709 | 77 | 122 | N E | 37 | ... | Light clouds. |
| 9 | 30·028 | 0·127 | 77·4 | 71·7 | 86·6 | 68·9 | 139·4 | 65·3 | 0·702 | 75 | 158 | N E by N | 25 | ... | Fine with passing clouds. |
| 10 | 30·027 | 0·125 | 77·1 | 69·5 | 84·8 | 68·9 | 135·9 | 65·2 | 0·623 | 67 | 180 | N E | 55 | ... | Passing clouds. |
| 11 | 30·044 | 0·124 | 77·2 | 67·0 | 85·6 | 71·3 | 138·9 | 65·4 | 0·526 | 56 | 226 | N E | 43 | ... | Do. |
| 12 | 30·044 | 0·124 | 75·8 | 67·8 | 85·5 | 67·6 | 138·5 | 62·4 | 0·573 | 64 | 177 | N E | 43 | ... | Do. |
| 13 | 30·038 | 0·119 | 75·5 | 69·9 | 87·1 | 65·7 | 141·0 | 61·1 | 0·658 | 75 | 197 | N N E | 28 | ... | Fine with passing clouds. |
| 14 | 30·064 | 0·116 | 76·8 | 70·6 | 87·6 | 67·8 | 140·6 | 63·9 | 0·666 | 72 | 200 | N N E | 33 | ... | Do. |
| 15 | 30·109 | 0·112 | 77·5 | 69·9 | 86·1 | 69·9 | 139·8 | 66·2 | 0·631 | 67 | 255 | N E by N | 43 | ... | Do. |
| 16 | 30·068 | 0·129 | 78·1 | 69·8 | 86·6 | 74·0 | 139·4 | 71·6 | 0·618 | 64 | 296 | N E by N | 52 | ... | Passing clouds. |
| 17 | 30·036 | 0·111 | 76·8 | 68·1 | 85·0 | 71·2 | 141·1 | 68·5 | 0·571 | 64 | 221 | N E by N | 67 | ... | Do. |
| 18 | 30·014 | 0·126 | 74·6 | 67·5 | 85·2 | 65·3 | 141·4 | 60·3 | 0·580 | 68 | 137 | N N E | 72 | ... | Cloudy. |
| 19 | 30·012 | 0·126 | 73·3 | 67·4 | 84·9 | 65·8 | 140·2 | 61·1 | 0·594 | 72 | 164 | N N E | 72 | ... | Do. |
| 20 | 30·031 | 0·107 | 76·6 | 69·2 | 86·0 | 67·2 | 140·0 | 62·7 | 0·615 | 67 | 197 | N N E | 50 | ... | Passing clouds. |
| 21 | 30·012 | 0·138 | 77·2 | 70·3 | 85·5 | 70·3 | 136·0 | 66·0 | 0·650 | 69 | 220 | N E by N | 70 | ... | Cloudy. |
| 22 | 29·968 | 0·150 | 76·5 | 71·0 | 86·6 | 68·5 | 141·4 | 63·6 | 0·686 | 75 | 181 | N E by N | 78 | ... | Do. |
| 23 | 29·936 | 0·122 | 76·1 | 70·9 | 85·1 | 67·4 | 137·2 | 63·3 | 0·688 | 76 | 119 | N E | 82 | ... | Do. |
| 24 | 29·947 | 0·130 | 75·6 | 71·1 | 87·2 | 67·3 | 139·8 | 62·0 | 0·703 | 79 | 128 | E N E | 85 | ... | Do. |
| 25 | 29·934 | 0·123 | 75·9 | 70·9 | 85·2 | 66·1 | 135·4 | 61·7 | 0·691 | 77 | 110 | East | 60 | ... | Do. |
| 26 | 29·942 | 0·130 | 75·9 | 70·4 | 86·1 | 67·2 | 139·5 | 63·0 | 0·671 | 75 | 139 | East | 17 | ... | Fine with passing clouds. |
| 27 | 29·956 | 0·144 | 75·3 | 69·7 | 85·5 | 65·6 | 140·1 | 61·5 | 0·653 | 75 | 113 | East | 47 | ... | Do. |
| 28 | 29·963 | 0·129 | 77·4 | 72·3 | 85·7 | 67·3 | 135·8 | 63·4 | 0·726 | 77 | 139 | E S E | 13 | ... | Fine. |
| 29 | 29·954 | 0·093 | 78·6 | 73·3 | 85·6 | 72·2 | 135·8 | 69·3 | 0·750 | 77 | 166 | E S E | 13 | ... | Do. |
| 30 | 29·943 | 0·153 | 77·6 | 72·5 | 83·4 | 69·9 | 140·0 | 65·2 | 0·732 | 78 | 142 | S E | 10 | ... | Do. |
| 31 | 29·959 | 0·128 | 77·7 | 72·3 | 86·6 | 68·6 | 137·7 | 64·2 | 0·720 | 75 | 137 | S E by S | 3 | ... | Clear. |
| Mean | 30·012 | 0·125 | 76·7 | 70·5 | 85·9 | 69·0 | 138·5 | 64·8 | 0·668 | 73 | 173 | N E by E | 44 | 0·02 | |

# Madras Meteorological Observations. 1869—February.

| February 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·928 | 0·142 | 77·5 | 72·6 | 86·6 | 68·6 | 135·8 | 64·2 | 0·736 | 78 | 144 | S E | 7 | ... | Fine. |
| 2 | 29·864 | 0·154 | 78·5 | 73·5 | 88·7 | 70·0 | 139·0 | 65·6 | 0·760 | 78 | 165 | S E by S | 3 | ... | Do. |
| 3 | 29·869 | 0·136 | 79·9 | 74·5 | 93·9 | 71·1 | 142·8 | 67·2 | 0·782 | 76 | 183 | S by E | 7 | ... | Do. |
| 4 | 29·921 | 0·130 | 78·9 | 73·5 | 88·2 | 71·0 | 132·0 | 65·6 | 0·754 | 76 | 167 | S S E | 73 | ... | Cloudy. |
| 5 | 29·942 | 0·134 | 78·0 | 73·4 | 87·3 | 71·2 | 139·2 | 66·2 | 0·763 | 80 | 185 | S E by S | 50 | ... | Hazy. |
| 6 | 29·885 | 0·150 | 79·0 | 73·2 | 90·9 | 71·4 | 141·0 | 68·0 | 0·741 | 75 | 227 | S E by S | 47 | ... | Light clouds. |
| 7 | 29·838 | 0·162 | 79·6 | 73·8 | 89·6 | 72·3 | 138·7 | 68·3 | 0·757 | 75 | 221 | S S E | 13 | ... | Fine. |
| 8 | 29·884 | 0·121 | 79·8 | 73·0 | 86·4 | 72·6 | 135·4 | 69·2 | 0·722 | 71 | 214 | S E | 20 | ... | Do. |
| 9 | 29·883 | 0·151 | 79·2 | 72·2 | 87·0 | 72·4 | 139·8 | 69·5 | 0·697 | 70 | 196 | S E | 13 | ... | Do. |
| 10 | 29·909 | 0·113 | 80·1 | 73·0 | 89·8 | 71·1 | 140·5 | 67·4 | 0·718 | 70 | 168 | S E by S | 5 | ... | Do. |
| 11 | 29·964 | 0·113 | 81·0 | 74·6 | 90·2 | 72·7 | 138·3 | 69·0 | 0·771 | 73 | 169 | East | 22 | ... | Fine with passing clouds. |
| 12 | 29·970 | 0·138 | 81·0 | 73·7 | 88·9 | 74·1 | 142·0 | 71·4 | 0·735 | 70 | 209 | E by N | 28 | ... | Do. |
| 13 | 29·998 | 0·114 | 79·2 | 71·7 | 89·3 | 69·6 | 141·3 | 65·3 | 0·677 | 68 | 188 | E by N | 12 | ... | Fine. |
| 14 | 30·029 | 0·116 | 76·8 | 69·4 | 87·2 | 65·0 | 136·1 | 60·3 | 0·620 | 67 | 167 | E N E | 3 | ... | Clear. |
| 15 | 30·013 | 0·128 | 75·7 | 70·0 | 87·0 | 63·8 | 135·9 | 59·4 | 0·658 | 74 | 112 | E by N | 0 | ... | Do. |
| 16 | 29·966 | 0·171 | 75·6 | 68·7 | 87·9 | 64·8 | 136·9 | 60·4 | 0·610 | 69 | 116 | S E by E | 0 | ... | Do. |
| 17 | 29·998 | 0·132 | 75·5 | 69·2 | 88·9 | 62·0 | 137·2 | 57·2 | 0·631 | 71 | 102 | S S E | 0 | ... | Do. |
| 18 | 29·992 | 0·109 | 78·0 | 70·1 | 90·5 | 65·9 | 140·1 | 61·4 | 0·631 | 65 | 143 | S S E | 0 | ... | Do. |
| 19 | 29·982 | 0·111 | 76·6 | 70·6 | 88·4 | 67·3 | 136·7 | 64·1 | 0·669 | 73 | 112 | S E | 2 | ... | Do. |
| 20 | 29·962 | 0·134 | 77·1 | 69·4 | 88·3 | 67·1 | 140·5 | 63·0 | 0·617 | 66 | 127 | E by N | 7 | ... | Fine. |
| 21 | 29·956 | 0·134 | 78·7 | 70·9 | 88·9 | 65·6 | 138·0 | 61·7 | 0·653 | 67 | 200 | N E by E | 10 | ... | Do. |
| 22 | 29·960 | 0·124 | 81·4 | 74·8 | 89·9 | 74·6 | 145·7 | ... | 0·775 | 73 | 196 | E N E | 73 | ... | Cloudy. |
| 23 | 29·968 | 0·103 | 80·5 | 74·0 | 90·1 | 72·7 | 143·9 | 69·5 | 0·753 | 72 | 136 | E N E | 38 | ... | Fine with passing clouds. |
| 24 | 30·004 | 0·099 | 79·1 | 71·3 | 88·4 | 67·9 | 139·2 | 63·6 | 0·663 | 67 | 144 | E by N | 47 | ... | Do. |
| 25 | 30·012 | 0·129 | 79·4 | 71·6 | 90·1 | 69·2 | 137·6 | 66·3 | 0·671 | 67 | 144 | East | 20 | ... | Fine. |
| 26 | 29·998 | 0·108 | 79·4 | 72·8 | 90·0 | 68·9 | 140·5 | 64·1 | 0·720 | 72 | 162 | N E | 80 | ... | Cloudy. |
| 27 | 30·000 | 0·102 | 80·2 | 74·0 | 90·2 | 71·8 | 134·4 | 69·1 | 0·757 | 73 | 103 | N E by E | 73 | ... | Do. |
| 28 | 29·992 | 0·088 | 79·6 | 73·1 | 89·2 | 70·4 | 136·7 | 66·3 | 0·729 | 72 | 117 | East | 73 | ... | Light clouds. |
| Mean | 29·953 | 0·127 | 78·8 | 72·2 | 89·0 | 69·5 | 138·8 | 65·3 | 0·706 | 72 | 161 | E S E | 26 | Nil. | |

# Madras Meteorological Observations. 1869—March.

| March 1869 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·965 | 0·152 | 79·6 | 73·2 | 90·1 | 69·9 | 139·0 | 66·5 | 0·733 | 72 | 123 | E by S | 27 | ... | Fine with passing clouds. |
| 2 | 29·929 | 0·115 | 80·9 | 73·4 | 89·7 | 70·8 | 138·0 | 66·7 | 0·723 | 68 | 159 | E S E | 7 | ... | Fine. |
| 3 | 29·899 | 0·130 | 80·2 | 73·5 | 88·5 | 70·3 | 138·0 | 65·9 | 0·737 | 72 | 201 | S S E | 5 | ... | Do. |
| 4 | 29·913 | 0·129 | 80·3 | 72·7 | 89·3 | 70·9 | 138·0 | 66·7 | 0·703 | 68 | 208 | S E by S | 3 | ... | Clear. |
| 5 | 29·925 | 0·129 | 81·5 | 74·8 | 89·3 | 71·3 | 137·7 | 67·5 | 0·774 | 72 | 205 | S E by S | 15 | ... | Fine. |
| 6 | 29·894 | 0·131 | 80·9 | 73·7 | 89·3 | 72·6 | 140·2 | 68·7 | 0·736 | 70 | 198 | S E by S | 53 | ... | Fine with passing clouds. |
| 7 | 29·886 | 0·157 | 78·9 | 73·6 | 87·5 | 72·4 | 137·3 | 69·3 | 0·760 | 77 | 157 | S E by E | 77 | 0·04 | Cloudy. |
| 8 | 29·858 | 0·143 | 82·4 | 75·8 | 90·9 | 75·9 | 140·1 | 73·3 | 0·804 | 73 | 235 | S E | 47 | ... | Fine with passing clouds. |
| 9 | 29·888 | 0·125 | 81·9 | 75·9 | 89·3 | 75·1 | 141·1 | 73·2 | 0·815 | 75 | 200 | S E by S | 47 | ... | Do. |
| 10 | 29·871 | 0·138 | 81·6 | 74·9 | 89·3 | 75·4 | 138·8 | 72·6 | 0·777 | 72 | 180 | S E | 30 | ... | Do. |
| 11 | 29·876 | 0·132 | 80·6 | 73·8 | 88·3 | 73·3 | 139·3 | 70·5 | 0·744 | 71 | 157 | S E by E | 47 | ... | Do. |
| 12 | 29·876 | 0·126 | 81·0 | 74·4 | 89·6 | 74·6 | 140·3 | 72·6 | 0·764 | 72 | 163 | S E by E | 47 | ... | Do. |
| 13 | 29·891 | 0·136 | 81·2 | 73·8 | 88·6 | 73·3 | 138·5 | 70·1 | 0·735 | 69 | 138 | E S E | 30 | ... | Light clouds. |
| 14 | 29·871 | 0·137 | 81·1 | 74·2 | 89·2 | 72·8 | 146·2 | 69·6 | 0·754 | 71 | 164 | S E by E | 23 | ... | Do. |
| 15 | 29·858 | 0·147 | 81·4 | 75·1 | 91·3 | 74·5 | 141·2 | 71·3 | 0·788 | 73 | 163 | S E | 58 | ... | Passing clouds. |
| 16 | 29·923 | 0·104 | 81·9 | 74·8 | 89·8 | 74·5 | 140·2 | 71·4 | 0·768 | 71 | 141 | S E | 30 | ... | Light clouds. |
| 17 | 29·918 | 0·118 | 81·1 | 73·6 | 90·1 | 73·8 | 144·0 | 70·9 | 0·727 | 69 | 124 | E S E | 60 | ... | Cloudy. |
| 18 | 29·883 | 0·122 | 80·6 | 73·1 | 89·8 | 71·3 | 139·3 | 67·6 | 0·715 | 68 | 139 | E S E | 43 | ... | Fine with passing clouds. |
| 19 | 29·825 | 0·131 | 82·2 | 74·7 | 93·9 | 75·4 | 149·2 | 73·1 | 0·760 | 69 | 161 | S E by E | 53 | ... | Passing clouds. |
| 20 | 29·833 | 0·137 | 82·0 | 74·1 | 90·1 | 72·9 | 139·6 | 69·5 | 0·737 | 67 | 180 | S E by S | 10 | ... | Fine. |
| 21 | 29·828 | 0·122 | 81·7 | 75·1 | 90·1 | 73·6 | 140·3 | 70·1 | 0·784 | 73 | 218 | S E | 8 | ... | Do. |
| 22 | 29·854 | 0·113 | 81·5 | 74·4 | 89·7 | 72·8 | 138·3 | 68·9 | 0·757 | 71 | 203 | S E by S | 7 | ... | Do. |
| 23 | 29·897 | 0·097 | 81·9 | 74·2 | 89·1 | 74·5 | 140·3 | 70·8 | 0·743 | 68 | 178 | S E by E | 17 | ... | Do. |
| 24 | 29·899 | 0·150 | 82·3 | 74·9 | 90·2 | 74·0 | 142·3 | 70·5 | 0·766 | 69 | 177 | S E by S | 30 | ... | Fine with passing clouds. |
| 25 | 29·876 | 0·135 | 82·3 | 74·9 | 92·0 | 74·4 | 141·7 | 70·9 | 0·766 | 69 | 209 | S E by S | 13 | ... | Fine. |
| 26 | 29·879 | 0·126 | 82·8 | 75·5 | 90·6 | 74·1 | 140·7 | 70·9 | 0·785 | 70 | 209 | S S E | 10 | ... | Do. |
| 27 | 29·877 | 0·131 | 83·5 | 76·4 | 96·2 | 75·6 | 145·4 | 72·4 | 0·816 | 71 | 210 | S S E | 8 | ... | Do. |
| 28 | 29·900 | 0·103 | 83·0 | 75·9 | 92·1 | 74·6 | 140·3 | 72·1 | 0·800 | 71 | 197 | S S E | 3 | ... | Clear. |
| 29 | 29·909 | 0·109 | 80·8 | 74·9 | 90·1 | 72·6 | 139·3 | 69·4 | 0·786 | 74 | 161 | S E by S | 3 | ... | Clear. |
| 30 | 29·923 | 0·100 | 80·8 | 74·3 | 89·2 | 71·9 | 139·8 | 68·5 | 0·762 | 72 | 136 | S E by S | 15 | ... | Fine. |
| 31 | 29·938 | 0·120 | 82·8 | 75·0 | 91·6 | 72·7 | 140·4 | 69·5 | 0·764 | 68 | 139 | S E | 7 | ... | Do. |
| Mean | 29·889 | 0·127 | 81·4 | 74·5 | 90·2 | 73·3 | 140·5 | 70·0 | 0·761 | 71 | 175 | S E | 27 | 0·04 | |

## Madras Meteorological Observations. 1869—April.

| April 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·946 | 0·132 | 81·9 | 75·0 | 90·8 | 74·0 | 141·0 | 71·4 | 0·776 | 71 | 126 | S E by E | 17 | ... | Fine. |
| 2 | 29·916 | 0·165 | 81·0 | 75·1 | 90·6 | 73·5 | 140·2 | 69·9 | 0·793 | 74 | 132 | S E by S | 5 | ... | Do. |
| 3 | 29·868 | 0·139 | 80·9 | 75·2 | 89·7 | 71·8 | 141·8 | 68·7 | 0·799 | 75 | 149 | S E by S | 13 | ... | Do. |
| 4 | 29·889 | 0·123 | 82·0 | 75·5 | 90·0 | 73·2 | 139·9 | 70·1 | 0·796 | 73 | 177 | S E by S | 7 | ... | Do. |
| 5 | 29·880 | 0·139 | 81·6 | 75·8 | 90·7 | 72·8 | 139·3 | 69·3 | 0·815 | 76 | 150 | S E by S | 10 | ... | Do. |
| 6 | 29·831 | 0·142 | 84·3 | 76·1 | 93·6 | 74·6 | 141·2 | 71·4 | 0·791 | 67 | 176 | S E by S | 10 | ... | Do. |
| 7 | 29·773 | 0·145 | 85·2 | 72·0 | 101·1 | 74·5 | 148·6 | 72·0 | 0·608 | 50 | 220 | S by E | 13 | ... | Do. |
| 8 | 29·749 | 0·144 | 84·5 | 75·0 | 94·2 | 76·0 | 141·1 | 73·4 | 0·780 | 66 | 271 | S by E | 22 | ... | Light haze. |
| 9 | 29·766 | 0·129 | 84·4 | 78·7 | 91·4 | 78·8 | 138·1 | 76·6 | 0·905 | 77 | 250 | S E by S | 33 | ... | Fine with passing clouds. |
| 10 | 29·814 | 0·118 | 84·7 | 79·1 | 92·1 | 79·1 | 141·0 | 76·6 | 0·920 | 77 | 246 | S E by S | 47 | ... | Do. |
| 11 | 29·872 | 0·139 | 83·9 | 78·2 | 91·5 | 78·2 | 139·7 | 76·3 | 0·889 | 76 | 233 | S E by S | 13 | ... | Fine. |
| 12 | 29·856 | 0·143 | 85·7 | 78·7 | 93·5 | 78·5 | 139·7 | 75·8 | 0·888 | 72 | 247 | S S E | 30 | ... | Fine with passing clouds. |
| 13 | 29·802 | 0·158 | 86·6 | 80·8 | 94·4 | 81·9 | 141·0 | 80·6 | 0·974 | 77 | 271 | S S E | 35 | ... | Do. |
| 14 | 29·779 | 0·126 | 87·4 | 78·9 | 100·4 | 82·7 | 147·9 | 81·5 | 0·874 | 67 | 271 | S by E | 17 | ... | Fine. |
| 15 | 29·785 | 0·116 | 86·0 | 81·3 | 92·5 | 82·9 | 142·3 | 81·7 | 1·017 | 81 | 316 | S S E | 13 | ... | Do. |
| 16 | 29·789 | 0·130 | 86·3 | 80·4 | 92·6 | 82·3 | 140·4 | 80·9 | 0·959 | 76 | 354 | S by E | 28 | ... | Hazy. |
| 17 | 29·782 | 0·140 | 86·5 | 81·1 | 92·9 | 82·4 | 141·1 | 81·1 | 0·990 | 78 | 322 | S by E | 47 | ... | Do. |
| 18 | 29·788 | 0·154 | 86·5 | 80·7 | 92·5 | 82·6 | 140·4 | 80·9 | 0·971 | 77 | 313 | S by E | 17 | ... | Fine. |
| 19 | 29·795 | 0·123 | 85·9 | 80·9 | 92·0 | 82·1 | 139·9 | 80·7 | 0·989 | 80 | 289 | S S E | 33 | | Fine with passing clouds. |
| 20 | 29·815 | 0·124 | 85·2 | 79·7 | 93·7 | 79·2 | 141·6 | 76·9 | 0·941 | 78 | 227 | S S E | 43 | ... | Light clouds. |
| 21 | 29·847 | 0·114 | 85·1 | 78·7 | 93·9 | 77·9 | 144·4 | 74·8 | 0·895 | 74 | 175 | S E by S | 43 | ... | Do. |
| 22 | 29·854 | 0·139 | 83·7 | 77·5 | 90·1 | 80·8 | 138·4 | 77·3 | 0·861 | 75 | 144 | S E | 83 | ... | Cloudy. |
| 23 | 29·817 | 0·135 | 80·4 | 77·0 | 86·4 | 77·9 | 109·0 | 75·7 | 0·883 | 85 | 47 | S S E | 100 | 0·12 | Overcast. |
| 24 | 29·773 | 0·162 | 84·5 | 78·5 | 93·6 | 77·2 | 143·4 | 75·2 | 0·895 | 76 | 138 | S E | 73 | ... | Cloudy. |
| 25 | 29·756 | 0·124 | 85·6 | 79·8 | 94·8 | 78·2 | 142·4 | 75·3 | 0·940 | 77 | 173 | S E | 40 | | Hazy. |
| 26 | 29·774 | 0·093 | 85·7 | 79·8 | 94·3 | 78·9 | 142·5 | 76·7 | 0·938 | 76 | 173 | S E by S | 57 | | Fine with passing clouds. |
| 27 | 29·788 | 0·124 | 85·6 | 78·6 | 94·4 | 78·8 | 140·5 | 76·8 | 0·885 | 72 | 161 | E S E | 65 | | Morning fine: afternoon cloudy. |
| 28 | 29·772 | 0·157 | 87·1 | 76·8 | 97·0 | 79·5 | 142·4 | 78·6 | 0·784 | 60 | 179 | South | 50 | | Passing clouds. |
| 29 | 29·757 | 0·106 | 87·9 | 78·1 | 103·0 | 79·1 | 151·2 | 77·1 | 0·831 | 63 | 173 | S by W | 47 | ... | Fine with passing clouds. |
| 30 | 29·790 | 0·110 | 87·7 | 77·5 | 100·9 | 81·2 | 147·1 | 79·4 | 0·807 | 62 | 179 | S by E | 23 | | Do. |
| Mean | 29·814 | 0·133 | 84·8 | 78·0 | 93·6 | 78·4 | 140·9 | 76·1 | 0·873 | 73 | 209 | S S E | 34 | 0·12 | |

# Madras Meteorological Observations. 1869—May.

| May 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·817 | 0·098 | 87·4 | 80·5 | 99·9 | 81·9 | 147·0 | 80·4 | 0·948 | 73 | 236 | S by E | 17 | ... | Fine |
| 2 | 29·862 | 0·109 | 85·2 | 79·6 | 91·8 | 81·1 | 139·0 | 79·2 | 0·936 | 78 | 285 | S S E | 22 | ... | Fine with passing clouds. |
| 3 | 29·850 | 0·143 | 85·6 | 79·3 | 92·8 | 80·4 | 139·0 | 78·8 | 0·917 | 75 | 250 | S S E | 18 | ... | Fine. |
| 4 | 29·808 | 0·154 | 86·7 | 80·1 | 96·5 | 81·1 | 144·2 | 79·8 | 0·939 | 74 | 275 | S S E | 17 | ... | Do. |
| 5 | 29·806 | 0·140 | 87·2 | 80·2 | 97·6 | 82·7 | 146·5 | 81·6 | 0·938 | 72 | 334 | S by E | 23 | ... | Fine with passing clouds. |
| 6 | 29·820 | 0·117 | 86·8 | 80·4 | 93·5 | 82·0 | 140·0 | 80·5 | 0·952 | 74 | 319 | S by E | 23 | ... | Fine with light clouds. |
| 7 | 29·824 | 0·141 | 86·4 | 80·1 | 95·6 | 80·8 | 141·5 | 79·1 | 0·943 | 75 | 299 | S S E | 10 | ... | Fine. |
| 8 | 29·806 | 0·138 | 86·8 | 80·7 | 99·0 | 80·9 | 145·1 | 79·4 | 0·967 | 76 | 260 | S S E | 5 | ... | Do. |
| 9 | 29·762 | 0·170 | 88·1 | 80·8 | 96·2 | 81·5 | 139·3 | 79·9 | 0·954 | 72 | 359 | South | 13 | ... | Do. |
| 10 | 29·767 | 0·148 | 88·2 | 78·3 | 96·1 | 81·7 | 143·2 | 80·4 | 0·836 | 62 | 166 | E S E | 8 | ... | Do. |
| 11 | 29·742 | 0·135 | 88·5 | 79·9 | 102·7 | 81·7 | 151·0 | 79·5 | 0·906 | 68 | 237 | South | 27 | ... | Fine with light clouds. |
| 12 | 29·732 | 0·135 | 87·1 | 81·1 | 94·8 | 82·1 | 140·7 | 80·6 | 0·982 | 76 | 279 | S S E | 13 | ... | Fine. |
| 13 | 29·708 | 0·109 | 89·5 | 78·9 | 102·1 | 81·7 | 146·2 | 79·6 | 0·846 | 61 | 247 | S by E | 17 | ... | Do. |
| 14 | 29·701 | 0·106 | 89·9 | 80·0 | 98·0 | 82·6 | 143·5 | 81·4 | 0·891 | 63 | 316 | S by E | 15 | ... | Do. |
| 15 | 29·624 | 0·135 | 90·4 | 77·8 | 106·3 | 83·0 | 142·6 | 81·8 | 0·784 | 55 | 230 | South | 57 | ... | Light clouds. |
| 16 | 29·618 | 0·108 | 89·9 | 79·7 | 105·2 | 83·7 | 148·3 | 81·8 | 0·877 | 63 | 291 | South | 20 | ... | Fine. |
| 17 | 29·681 | 0·109 | 89·3 | 79·2 | 101·4 | 83·3 | 146·9 | 82·5 | 0·863 | 63 | 275 | South | 23 | ... | Do. |
| 18 | 29·686 | 0·129 | 88·8 | 78·6 | 101·0 | 82·3 | 146·5 | 80·3 | 0·841 | 62 | 290 | S by E | 20 | ... | Fine with light haze. |
| 19 | 29·632 | 0·152 | 89·6 | 80·3 | 103·8 | 83·3 | 148·5 | 81·9 | 0·909 | 65 | 327 | S by E | 2 | ... | Clear. |
| 20 | 29·654 | 0·135 | 90·0 | 80·0 | 100·7 | 83·6 | 145·9 | 82·6 | 0·890 | 63 | 349 | S by E | 10 | ... | Fine. |
| 21 | 29·659 | 0·144 | 91·7 | 77·3 | 102·2 | 85·6 | 144·8 | 84·0 | 0·743 | 49 | 241 | S E | 17 | ... | Do. |
| 22 | 29·589 | 0·101 | 92·0 | 78·9 | 105·6 | 85·5 | 148·5 | 84·0 | 0·812 | 54 | 249 | S by E | 37 | ... | Fine with passing clouds |
| 23 | 29·599 | 0·088 | 90·8 | 78·2 | 104·4 | 84·1 | 150·6 | 82·7 | 0·796 | 55 | 240 | S by E | 30 | ... | Do. |
| 24 | 29·635 | 0·093 | 87·8 | 78·9 | 98·0 | 84·1 | 143·3 | 82·9 | 0·868 | 66 | 245 | S by E | 50 | ... | Hazy. |
| 25 | 29·651 | 0·142 | 87·2 | 80·6 | 95·6 | 82·3 | 140·4 | 81·4 | 0·956 | 74 | 218 | S S E | 80 | ... | Cloudy. |
| 26 | 29·656 | 0·121 | 87·1 | 79·4 | 96·0 | 82·6 | 142·6 | 81·0 | 0·901 | 70 | 151 | S E by S | 73 | ... | Do. |
| 27 | 29·703 | 0·105 | 85·0 | 79·1 | 91·2 | 81·6 | 133·2 | 79·3 | 0·915 | 76 | 131 | S S E | 53 | ... | Light clouds. |
| 28 | 29·719 | 0·114 | 86·2 | 78·8 | 93·9 | 81·7 | 140·1 | 80·8 | 0·886 | 70 | 267 | S S E | 23 | ... | Fine with passing clouds. |
| 29 | 29·682 | 0·160 | 86·4 | 78·6 | 93·6 | 81·5 | 138·1 | 80·1 | 0·874 | 69 | 319 | S by E | 17 | ... | Fine. |
| 30 | 29·644 | 0·144 | 90·5 | 78·7 | 101·7 | 82·6 | 147·0 | 81·7 | 0·823 | 57 | 247 | S by E | 43 | ... | Fine with passing clouds. |
| 31 | 29·621 | 0·120 | 90·4 | 78·6 | 105·9 | 82·9 | 149·6 | 81·6 | 0·820 | 57 | 235 | S by W | 57 | ... | Passing clouds. |
| Mean | 29·712 | 0·127 | 88·3 | 79·4 | 98·8 | 82·4 | 144·0 | 81·0 | 0·888 | 67 | 263 | S by E | 27 | *Nil.* | |

## Madras Meteorological Observations. 1869—June.

| June 1869 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·655 | 0·065 | 88·8 | 77·9 | 99·1 | 84·4 | 135·1 | 84·5 | 0·809 | 59 | 178 | South | 97 | ... | Overcast. |
| 2 | 29·684 | 0·130 | 84·1 | 76·4 | 93·4 | 81·3 | 118·8 | 79·0 | 0·807 | 69 | 178 | S W | 97 | ... | Do. |
| 3 | 29·620 | 0·181 | 87·0 | 76·8 | 103·3 | 80·4 | 141·1 | 79·3 | 0·785 | 61 | 252 | W S W | 87 | 0·14 | Cloudy. |
| 4 | 29·664 | 0·085 | 88·2 | 76·5 | 96·0 | 79·3 | 119·1 | 78·6 | 0·756 | 57 | 288 | SW by W | 100 | ... | Overcast. |
| 5 | 29·675 | 0·129 | 89·8 | 77·3 | 101·8 | 84·2 | 118·0 | 82·6 | 0·769 | 55 | 287 | W by S | 93 | 0·37 | Cloudy : rain. |
| 6 | 29·689 | 0·123 | 87·5 | 74·3 | 97·5 | 79·7 | 128·1 | 76·0 | 0·671 | 51 | 207 | W by S | 87 | ... | Cloudy. |
| 7 | 29·651 | 0·142 | 92·3 | 75·2 | 106·0 | 83·6 | 150·5 | 81·4 | 0·645 | 43 | 266 | S W | 77 | ... | Do. |
| 8 | 29·625 | 0·155 | 92·8 | 73·5 | 105·8 | 84·0 | 144·6 | 81·6 | 0·567 | 37 | 305 | SW by W | 73 | ... | Do. |
| 9 | 29·646 | 0·121 | 90·5 | 76·8 | 105·4 | 86·6 | 141·3 | 85·1 | 0·738 | 52 | 326 | S W | 63 | ... | Light clouds. |
| 10 | 29·677 | 0·116 | 89·9 | 76·7 | 106·0 | 85·8 | 147·0 | 84·0 | 0·741 | 53 | 288 | S S W | 48 | ... | Passing clouds. |
| 11 | 29·709 | 0·109 | 89·7 | 76·4 | 103·3 | 83·5 | 145·5 | 81·4 | 0·732 | 52 | 245 | South | 23 | ... | Fine with passing clouds. |
| 12 | 29·702 | 0·119 | 89·8 | 77·6 | 104·5 | 83·6 | 149·0 | 82·0 | 0·783 | 56 | 252 | South | 53 | ... | Passing clouds. |
| 13 | 29·693 | 0·083 | 89·7 | 77·6 | 106·0 | 84·3 | 149·6 | 82·9 | 0·785 | 56 | 269 | S S W | 40 | ... | Do. |
| 14 | 29·726 | 0·099 | 88·5 | 77·3 | 98·9 | 81·6 | 144·0 | 80·3 | 0·787 | 58 | 257 | S by W | 53 | ... | Do. |
| 15 | 29·745 | 0·091 | 89·0 | 77·0 | 106·4 | 83·6 | 152·6 | 82·0 | 0·767 | 56 | 247 | S W | 38 | ... | Do. |
| 16 | 29·778 | 0·110 | 85·6 | 75·4 | 97·4 | 80·7 | 132·2 | 80·1 | 0·744 | 60 | 195 | S S W | 95 | ... | Cloudy. |
| 17 | 29·748 | 0·113 | 88·4 | 75·6 | 97·3 | 83·8 | 134·4 | 83·1 | 0·713 | 53 | 242 | W S W | 83 | ... | Do. |
| 18 | 29·704 | 0·135 | 85·5 | 75·1 | 92·3 | 80·0 | 130·5 | 79·0 | 0·732 | 59 | 264 | W S W | 80 | ... | Do. |
| 19 | 29·672 | 0·095 | 86·2 | 73·9 | 95·7 | 79·9 | 137·7 | 79·4 | 0·673 | 54 | 357 | W S W | 93 | ... | Do. |
| 20 | 29·710 | 0·114 | 88·5 | 73·5 | 96·4 | 81·8 | 140·7 | 80·7 | 0·625 | 47 | 330 | SW by W | 72 | ... | Do. |
| 21 | 29·651 | 0·148 | 87·9 | 74·7 | 97·3 | 83·7 | 135·7 | 81·6 | 0·683 | 52 | 218 | S W | 77 | 0·47 | Cloudy with rain. |
| 22 | 29·641 | 0·100 | 87·5 | 75·0 | 98·0 | 79·7 | 140·5 | 78·8 | 0·714 | 57 | 280 | W S W | 87 | ... | Cloudy. |
| 23 | 29·636 | 0·147 | 88·8 | 74·9 | 98·2 | 82·1 | 131·5 | 80·4 | 0·678 | 50 | 304 | W by S | 92 | 0·01 | Do. |
| 24 | 29·600 | 0·119 | 87·5 | 75·9 | 100·6 | 81·4 | 142·4 | 79·6 | 0·740 | 57 | 244 | West | 90 | 0·02 | Do. |
| 25 | 29·611 | 0·116 | 89·8 | 76·6 | 103·0 | 82·8 | 149·2 | 80·9 | 0·738 | 53 | 274 | S S W | 70 | 0·06 | Passing clouds. |
| 26 | 29·639 | 0·125 | 86·9 | 77·5 | 100·5 | 82·2 | 144·6 | 80·5 | 0·818 | 64 | 293 | SW by S | 67 | 0·03 | Do. |
| 27 | 29·652 | 0·129 | 91·3 | 77·7 | 102·4 | 83·9 | 149·2 | 81·9 | 0·767 | 52 | 274 | West | 65 | ... | Light clouds. |
| 28 | 29·637 | 0·149 | 91·6 | 76·1 | 101·3 | 84·3 | 145·3 | 82·7 | 0·692 | 46 | 311 | W S W | 68 | ... | Do. |
| 29 | 29·606 | 0·163 | 89·7 | 76·9 | 102·9 | 84·4 | 146·4 | 83·6 | 0·753 | 54 | 269 | S W | 97 | 0·08 | Overcast. |
| 30 | 29·671 | 0·110 | 85·3 | 77·0 | 97·5 | 81·1 | 122·3 | 78·8 | 0·817 | 67 | 251 | S W | 87 | 0·76 | Cloudy with rain. |
| Mean | 29·671 | 0·121 | 88·6 | 76·1 | 100·6 | 82·6 | 140·0 | 81·1 | 0·734 | 55 | 266 | S W | 75 | 1·94 | |

# Madras Meteorological Observations. 1869—July.

| July 1869 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·698 | 0·126 | 84·2 | 77·4 | 96·2 | 75·2 | 146·3 | 74·0 | 0·849 | 72 | 158 | S S W | 68 | 0·02 | Passing clouds. |
| 2 | 29·705 | 0·139 | 87·6 | 77·9 | 103·0 | 81·4 | 146·4 | 79·3 | 0·826 | 63 | 220 | S by W | 32 | ... | Fine with passing clouds. |
| 3 | 29·700 | 0·113 | 87·9 | 76·1 | 103·8 | 83·4 | 146·1 | 81·9 | 0·743 | 56 | 244 | SW by S | 45 | 0·03 | Passing clouds. |
| 4 | 29·666 | 0·144 | 89·7 | 74·9 | 103·9 | 82·3 | 146·3 | 78·1 | 0·667 | 47 | 295 | S W | 63 | ... | Do. |
| 5 | 29·659 | 0·120 | 87·5 | 76·8 | 104·9 | 82·3 | 147·1 | 80·8 | 0·778 | 60 | 285 | S W | 47 | ... | Fine with passing clouds. |
| 6 | 29·653 | 0·108 | 88·4 | 76·4 | 102·5 | 81·6 | 148·3 | 80·8 | 0·749 | 56 | 272 | SW by S | 40 | ... | Do. |
| 7 | 29·654 | 0·090 | 88·4 | 76·0 | 100·4 | 83·5 | 141·5 | 82·4 | 0·731 | 54 | 266 | S S W | 87 | ... | Cloudy. |
| 8 | 29·688 | 0·122 | 89·8 | 75·4 | 101·2 | 82·9 | 148·5 | 81·4 | 0·687 | 48 | 216 | S S W | 37 | ... | Passing clouds. |
| 9 | 29·736 | 0·117 | 87·5 | 78·4 | 98·6 | 83·4 | 146·9 | 82·6 | 0·850 | 65 | 240 | S by E | 28 | ... | Fine with passing clouds. |
| 10 | 29·742 | 0·143 | 86·5 | 78·2 | 94·2 | 80·5 | 141·4 | 78·8 | 0·854 | 67 | 243 | S by E | 23 | ... | Do. |
| 11 | 29·682 | 0·136 | 86·6 | 78·2 | 103·0 | 80·9 | 151·5 | 80·6 | 0·852 | 67 | 232 | S S W | 37 | 0·19 | Do. |
| 12 | 29·662 | 0·110 | 86·6 | 78·1 | 101·8 | 80·7 | 143·8 | 78·3 | 0·848 | 67 | 230 | SW by S | 43 | 0·39 | Fine with passing clouds: rain: lg. |
| 13 | 29·717 | 0·102 | 82·9 | 75·8 | 100·0 | 79·3 | 146·8 | 77·7 | 0·797 | 71 | 203 | SW by S | 57 | 1·37 | Passing clouds: rain: lg. |
| 14 | 29·737 | 0·135 | 84·6 | 76·8 | 94·9 | 75·4 | 133·1 | 74·7 | 0·818 | 69 | 230 | SW by W | 92 | 0·12 | Cloudy. |
| 15 | 29·688 | 0·146 | 87·3 | 75·4 | 100·3 | 79·4 | 141·2 | 77·8 | 0·720 | 55 | 242 | S W | 92 | 0·04 | Do. |
| 16 | 29·680 | 0·131 | 87·3 | 74·7 | 94·7 | 80·1 | 126·3 | 77·4 | 0·691 | 54 | 237 | W S W | 93 | ... | Do. |
| 17 | 29·691 | 0·116 | 87·5 | 74·3 | 97·2 | 79·9 | 140·8 | 78·8 | 0·671 | 51 | 243 | W S W | 97 | ... | Overcast. |
| 18 | 29·691 | 0·141 | 86·1 | 73·5 | 93·6 | 82·1 | 128·9 | 80·6 | 0·658 | 53 | 198 | SW by W | 100 | 0·10 | Do. |
| 19 | 29·688 | 0·120 | 85·2 | 75·1 | 94·5 | 79·6 | 142·7 | 77·0 | 0·737 | 61 | 211 | SW by S | 80 | ... | Cloudy. |
| 20 | 29·697 | 0·125 | 86·6 | 76·8 | 101·4 | 80·5 | 145·3 | 78·4 | 0·791 | 62 | 212 | SW by S | 80 | 0·05 | Do. |
| 21 | 29·718 | 0·134 | 87·8 | 75·1 | 99·1 | 83·2 | 146·8 | 81·3 | 0·701 | 53 | 253 | W S W | 80 | 0·21 | Cloudy with rain. |
| 22 | 29·724 | 0·165 | 83·2 | 73·9 | 98·3 | 79·9 | 143·1 | ... | 0·713 | 61 | 207 | NWbyW | 75 | 0·31 | Do. |
| 23 | 29·704 | 0·111 | 82·8 | 75·2 | 93·4 | 74·3 | 133·8 | 72·3 | 0·773 | 69 | 203 | SW by W | 80 | ... | Cloudy. |
| 24 | 29·704 | 0·137 | 83·8 | 75·6 | 99·1 | 79·7 | 135·8 | 77·2 | 0·776 | 67 | 209 | SW by W | 80 | ... | Cloudy: lg. |
| 25 | 29·739 | 0·129 | 83·0 | 76·4 | 99·8 | 78·6 | 145·1 | 78·8 | 0·822 | 73 | 168 | S by W | 95 | 0·12 | Overcast. |
| 26 | 29·761 | 0·108 | 82·5 | 76·5 | 92·4 | 75·4 | 128·7 | 73·3 | 0·833 | 75 | 113 | S S W | 88 | 0·06 | Cloudy. |
| 27 | 29·736 | 0·142 | 84·8 | 77·0 | 93·4 | 79·0 | 137·3 | 76·5 | 0·824 | 69 | 155 | S E by S | 35 | ... | Fine with passing clouds: lg. S. W. |
| 28 | 29·700 | 0·154 | 84·7 | 75·9 | 95·2 | 78·7 | 142·3 | 78·0 | 0·777 | 65 | 124 | S W | 77 | 0·01 | Cloudy: lg. S. W. |
| 29 | 29·685 | 0·095 | 85·3 | 77·3 | 97·8 | 80·3 | 148·5 | 76·9 | 0·830 | 68 | 177 | South | 53 | 0·04 | Passing clouds: th. S. W. |
| 30 | 29·704 | 0·112 | 85·6 | 78·0 | 97·5 | 79·1 | 144·3 | 77·8 | 0·858 | 70 | 224 | S by W | 40 | ... | Passing clouds: lg. S. W. |
| 31 | 29·712 | 0·109 | 84·0 | 76·0 | 95·5 | 75·9 | 137·2 | 74·4 | 0·791 | 68 | 167 | SW by W | 47 | 2·10 | Passing clouds: lg.: rain. |
| Mean | 29·701 | 0·125 | 86·0 | 76·2 | 98·4 | 80·0 | 142·0 | 78·3 | 0·775 | 62 | 215 | SW by S | 64 | 5·19 | |

# Madras Meteorological Observations. 1869—August.

| August 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·705 | 0·126 | 84·5 | 78·6 | 93·4 | 79·1 | 138·8 | 76·2 | 0·899 | 76 | 115 | S by E | 60 | ... | Light clouds. |
| 2 | 29·704 | 0·095 | 82·9 | 77·6 | 94·1 | 77·1 | 141·6 | 74·8 | 0·877 | 78 | 103 | S W | 43 | ... | Passing clouds. |
| 3 | 29·733 | 0·117 | 83·8 | 77·8 | 91·1 | 77·1 | 136·1 | 75·1 | 0·873 | 75 | 93 | South | 13 | ... | Fine. |
| 4 | 29·760 | 0·126 | 83·2 | 77·7 | 89·0 | 77·9 | 137·0 | 77·0 | 0·877 | 77 | 96 | E by S | 30 | 0·08 | Morning cloudy : afternoon fine. |
| 5 | 29·727 | 0·149 | 83·4 | 76·7 | 88·5 | 78·6 | 136·9 | 76·6 | 0·829 | 73 | 144 | SE by S | 30 | 0·01 | Do. |
| 6 | 29·675 | 0·139 | 84·5 | 78·0 | 90·5 | 78·7 | 142·1 | 76·8 | 0·872 | 74 | 178 | S by E | 25 | ... | Fine with p. cls. : th. & lg. W. & S. W. |
| 7 | 29·664 | 0·127 | 83·0 | 77·9 | 93·8 | 76·6 | 141·2 | 76·2 | 0·889 | 79 | 148 | South | 40 | 0·28 | Fine with passing clouds : rain. |
| 8 | 29·719 | 0·091 | 83·4 | 77·1 | 91·5 | 77·7 | 138·2 | 76·2 | 0·847 | 74 | 135 | S by W | 40 | ... | Fine with passing clouds. |
| 9 | 29·738 | 0·113 | 84·7 | 77·6 | 91·8 | 75·9 | 135·0 | 73·7 | 0·852 | 72 | 145 | SE by S | 27 | 0·11 | Do. |
| 10 | 29·735 | 0·123 | 83·8 | 78·8 | 89·8 | 78·8 | 141·2 | 76·7 | 0·919 | 79 | 161 | SE by S | 47 | ... | Light clouds. |
| 11 | 29·729 | 0·090 | 83·5 | 77·7 | 91·9 | 79·9 | 142·4 | 78·2 | 0·873 | 76 | 194 | S S E | 80 | ... | Cloudy. |
| 12 | 29·744 | 0·082 | 82·8 | 78·0 | 89·0 | 79·6 | 140·7 | 77·7 | 0·895 | 80 | 137 | South | 87 | ... | Do. |
| 13 | 29·781 | 0·090 | 83·0 | 77·7 | 91·3 | 75·5 | 143·0 | 74·9 | 0·880 | 78 | 129 | South | 60 | ... | Light clouds. |
| 14 | 29·804 | 0·125 | 83·5 | 78·3 | 91·3 | 77·0 | 142·9 | 75·0 | 0·900 | 78 | 130 | E S E | 45 | ... | Passing clouds. |
| 15 | 29·779 | 0·123 | 84·3 | 77·9 | 90·7 | 77·8 | 138·0 | 75·8 | 0·870 | 74 | 176 | S E | 5 | ... | Fine. |
| 16 | 29·750 | 0·141 | 86·2 | 78·6 | 97·1 | 79·9 | 147·8 | 78·7 | 0·877 | 70 | 216 | South | 33 | ... | Fine with p. cl. : th. and lg. N. W. |
| 17 | 29·721 | 0·158 | 88·5 | 77·2 | 100·4 | 80·6 | 145·3 | 78·8 | 0·782 | 58 | 200 | SW by S | 57 | ... | Passing clouds : th. and lg. |
| 18 | 29·664 | 0·106 | 87·1 | 74·9 | 94·1 | 82·1 | 133·4 | 78·9 | 0·701 | 55 | 208 | W by S | 98 | 0·02 | Overcast. |
| 19 | 29·677 | 0·103 | 84·5 | 73·4 | 92·6 | 79·8 | 127·6 | 78·6 | 0·675 | 57 | 246 | W by S | 97 | 0·06 | Do. |
| 20 | 29·729 | 0·134 | 87·7 | 74·2 | 98·3 | 79·3 | 149·5 | 77·7 | 0·665 | 50 | 263 | W S W | 82 | ... | Cloudy : lg. S. E. |
| 21 | 29·779 | 0·153 | 87·6 | 75·3 | 99·9 | 80·2 | 147·4 | 78·4 | 0·712 | 54 | 264 | S W | 63 | ... | Cloudy. |
| 22 | 29·769 | 0·122 | 86·5 | 76·8 | 97·6 | 82·7 | 148·0 | 80·8 | 0·792 | 63 | 220 | S by W | 77 | 0·71 | Cloudy : rain. |
| 23 | 29·715 | 0·153 | 81·3 | 77·1 | 93·4 | 74·4 | 136·6 | 74·4 | 0·875 | 82 | 173 | South | 88 | 2·06 | Do. do. |
| 24 | 29·725 | 0·077 | 81·5 | 75·9 | 96·5 | 79·7 | 142·0 | 77·7 | 0·821 | 77 | 167 | S by W | 80 | 0·56 | Cloudy : rain : lg. S. W. |
| 25 | 29·726 | 0·143 | 85·1 | 76·8 | 96·8 | 77·3 | 135·7 | 75·5 | 0·811 | 67 | 213 | SW by S | 63 | ... | Passing clouds. |
| 26 | 29·735 | 0·122 | 83·7 | 74·8 | 91·5 | 79·0 | 136·8 | 76·6 | 0·743 | 64 | 184 | S W | 93 | ... | Cloudy. |
| 27 | 29·772 | 0·114 | 82·4 | 76·1 | 88·7 | 77·6 | 110·9 | 75·9 | 0·817 | 74 | 118 | W by S | 97 | ... | Overcast. |
| 28 | 29·756 | 0·121 | 79·5 | 74·3 | 88·6 | 75·2 | 132·7 | 73·2 | 0·779 | 77 | 182 | N W by W | 100 | 0·20 | Overcast with rain. |
| 29 | 29·694 | 0·122 | 81·1 | 74·2 | 91·3 | 73·0 | 131·6 | 71·8 | 0·754 | 71 | 169 | S by W | 97 | 0·28 | Do. |
| 30 | 29·696 | 0·149 | 85·4 | 75·5 | 96·7 | 76·5 | 145·6 | 73·9 | 0·751 | 61 | 186 | SW by W | 83 | 0·03 | Cloudy : rain. |
| 31 | 29·723 | 0·145 | 86·0 | 75·6 | 95·1 | 80·1 | 141·4 | 76·6 | 0·746 | 60 | 207 | S W | 87 | ... | Cloudy. |
| Mean | 29·730 | 0·122 | 84·1 | 76·7 | 93·1 | 78·2 | 139·0 | 76·4 | 0·821 | 70 | 171 | S by W | 62 | 4·40 | |

# Madras Meteorological Observations. 1869—September.

| September 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·700 | 0·166 | 84·6 | 75·4 | 97·7 | 79·4 | 143·2 | 76·0 | 0·757 | 63 | 209 | S by W | 67 | ... | Passing clouds. |
| 2 | 29·660 | 0·146 | 84·7 | 76·2 | 98·7 | 80·8 | 149·7 | 78·0 | 0·790 | 66 | 206 | S S W | 47 | 0·25 | Fine with passing clouds : rain. |
| 3 | 29·684 | 0·125 | 81·6 | 77·1 | 92·7 | 75·6 | 137·6 | 74·3 | 0·871 | 81 | 227 | S by W | 73 | 0·20 | Cloudy : rain. |
| 4 | 29·749 | 0·107 | 81·6 | 76·4 | 91·0 | 74·9 | 135·8 | 74·0 | 0·841 | 78 | 112 | S S W | 80 | 0·09 | Cloudy. |
| 5 | 29·784 | 0·115 | 83·0 | 76·9 | 94·2 | 76·9 | 149·9 | 74·9 | 0·844 | 75 | 179 | S by E | 48 | ... | Fine with passing clouds. |
| 6 | 29·773 | 0·153 | 83·2 | 77·2 | 94·1 | 75·1 | 142·9 | 73·6 | 0·854 | 75 | 220 | S by W | 47 | 0·20 | Fine with passing clouds : rain. |
| 7 | 29·774 | 0·138 | 84·7 | 77·1 | 92·8 | 77·6 | 143·0 | 75·6 | 0·830 | 70 | 138 | S S E | 20 | ... | Fine. |
| 8 | 29·764 | 0·157 | 86·2 | 77·9 | 95·9 | 78·3 | 147·4 | 74·8 | 0·845 | 67 | 160 | South | 40 | ... | Passing clouds. |
| 9 | 29·720 | 0·147 | 85·8 | 77·7 | 97·1 | 80·3 | 142·3 | 78·0 | 0·842 | 68 | 136 | S by W | 93 | ... | Cloudy. |
| 10 | 29·733 | 0·095 | 85·6 | 75·3 | 93·8 | 80·3 | 131·1 | 78·0 | 0·740 | 60 | 196 | SW by W | 93 | ... | Do. |
| 11 | 29·724 | 0·127 | 86·0 | 75·9 | 99·5 | 79·9 | 152·0 | 77·8 | 0·760 | 61 | 239 | S by W | 67 | ... | Do. |
| 12 | 29·760 | 0·111 | 84·8 | 76·0 | 96·5 | 80·3 | 150·8 | 78·0 | 0·780 | 65 | 232 | S by E | 82 | ... | Do. |
| 13 | 29·772 | 0·127 | 83·7 | 76·4 | 98·4 | 77·1 | 143·1 | 74·4 | 0·812 | 70 | 200 | SW by S | 85 | 0·01 | Do. |
| 14 | 29·801 | 0·156 | 77·2 | 74·1 | 81·1 | 75·1 | 100·2 | 73·6 | 0·803 | 86 | 183 | West | 93 | 0·81 | Cloudy : rain. |
| 15 | 29·755 | 0·173 | 79·5 | 75·8 | 83·6 | 77·1 | 94·1 | 74·8 | 0·844 | 84 | 93 | W S W | 92 | 0·09 | Cloudy. |
| 16 | 29·721 | 0·117 | 82·4 | 76·5 | 93·7 | 77·3 | 143·1 | 74·9 | 0·834 | 75 | 151 | W N W | 50 | 0·02 | Passing clouds : th. and lg. S. W. |
| 17 | 29·719 | 0·123 | 83·0 | 77·3 | 97·6 | 76·3 | 144·1 | 74·0 | 0·861 | 76 | 183 | SW by S | 57 | 1·56 | Cloudy : lg. S. W : rain. |
| 18 | 29·732 | 0·128 | 82·0 | 76·4 | 88·4 | 75·7 | 119·0 | 73·7 | 0·836 | 77 | 176 | W S W | 93 | ... | Overcast. |
| 19 | 29·689 | 0·173 | 82·4 | 74·5 | 89·5 | 79·1 | 140·6 | 75·9 | 0·748 | 67 | 203 | SW by W | 98 | 0·01 | Do. |
| 20 | 29·649 | 0·141 | 83·2 | 76·5 | 93·9 | 77·2 | 114·1 | 74·6 | 0·823 | 73 | 225 | SW by S | 83 | ... | Cloudy : th. and lg. N. |
| 21 | 29·718 | 0·102 | 82·7 | 74·9 | 92·0 | 78·0 | 130·9 | 74·4 | 0·761 | 68 | 144 | W by S | 88 | 0·02 | Cloudy. |
| 22 | 29·758 | 0·147 | 83·5 | 75·4 | 93·7 | 76·9 | 140·4 | 71·5 | 0·773 | 67 | 183 | S W | 77 | ... | Do. |
| 23 | 29·768 | 0·140 | 84·8 | 75·2 | 93·6 | 78·6 | 139·8 | 74·5 | 0·750 | 62 | 198 | SW by W | 80 | ... | Do. |
| 24 | 29·773 | 0·128 | 84·9 | 76·5 | 95·8 | 80·2 | 140·6 | 77·8 | 0·802 | 66 | 201 | S by W | 73 | ... | Cloudy : lg. W. |
| 25 | 29·804 | 0·123 | 80·7 | 75·5 | 93·3 | 74·7 | 136·4 | 74·0 | 0·814 | 78 | 141 | S by W | 87 | 0·35 | Cloudy : lg. W. : rain. |
| 26 | 29·828 | 0·116 | 79·6 | 75·1 | 90·7 | 75·1 | 143·2 | 74·6 | 0·812 | 80 | 204 | S by W | 75 | 0·03 | Cloudy. |
| 27 | 29·837 | 0·138 | 81·0 | 74·8 | 92·2 | 75·8 | 143·9 | 73·5 | 0·780 | 74 | 164 | S W | 63 | 0·46 | Passing clouds : rain : lg. S. W. |
| 28 | 29·838 | 0·148 | 81·0 | 75·8 | 91·2 | 74·1 | 139·1 | 73·3 | 0·822 | 78 | 201 | SW by S | 80 | 0·45 | Cloudy : rain : lg. N. E. |
| 29 | 29·817 | 0·133 | 82·7 | 76·4 | 90·9 | 76·4 | 136·7 | 74·3 | 0·826 | 74 | 178 | SW by S | 70 | ... | Cloudy : lg. N. |
| 30 | 29·780 | 0·147 | 84·5 | 76·8 | 94·0 | 76·3 | 144·3 | 74·9 | 0·819 | 69 | 210 | W by S | 77 | 0·02 | Cloudy : lg. N. E. |
| Mean | 29·753 | 0·135 | 83·0 | 76·1 | 93·3 | 77·3 | 138·0 | 75·1 | 0·809 | 72 | 183 | S W by S | 73 | 4·57 | |

# Madras Meteorological Observations, 1869—October.

| October 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29.770 | 0.137 | 81.4 | 76.1 | 89.6 | 74.8 | 132.2 | 73.9 | 0.830 | 77 | 175 | W by S | 98 | 0.39 | Overcast with rain. |
| 2 | 29.769 | 0.157 | 82.4 | 75.5 | 88.7 | 75.9 | 124.6 | 74.9 | 0.790 | 71 | 173 | W S W | 97 | 0.09 | Do. |
| 3 | 29.776 | 0.140 | 83.0 | 75.9 | 91.2 | 74.9 | 139.4 | 74.1 | 0.800 | 71 | 138 | W S W | 93 | 0.16 | Do. |
| 4 | 29.744 | 0.163 | 84.4 | 76.0 | 93.8 | 78.6 | 141.2 | 75.8 | 0.785 | 66 | 222 | S W | 75 | .. | Cloudy : th. W. |
| 5 | 29.721 | 0.155 | 85.0 | 75.1 | 95.7 | 77.9 | 141.2 | 73.1 | 0.739 | 61 | 224 | S W | 37 | ... | Fine with passing clouds. |
| 6 | 29.775 | 0.131 | 84.3 | 73.7 | 95.9 | 78.0 | 141.3 | 73.9 | 0.690 | 59 | 208 | S S W | 37 | ... | Do. |
| 7 | 29.762 | 0.116 | 83.0 | 73.5 | 96.7 | 77.0 | 141.4 | 72.9 | 0.699 | 62 | 160 | South | 53 | ... | Passing clouds. |
| 8 | 29.742 | 0.142 | 83.9 | 75.0 | 98.4 | 77.5 | 142.4 | 73.0 | 0.749 | 64 | 206 | S S W | 43 | .. | Fine with light clouds. |
| 9 | 29.772 | 0.124 | 84.4 | 76.2 | 94.4 | 77.7 | 143.8 | 74.5 | 0.794 | 67 | 182 | S by E | 30 | | Fine with passing clouds. |
| 10 | 29.772 | 0.123 | 84.4 | 77.4 | 96.1 | 77.5 | 151.8 | 73.9 | 0.848 | 72 | 113 | SE by S | 18 | ... | Fine. |
| 11 | 29.750 | 0.132 | 83.9 | 76.5 | 93.1 | 78.4 | 148.4 | 75.8 | 0.814 | 70 | 140 | NE by E | 83 | ... | Cloudy. |
| 12 | 29.782 | 0.103 | 78.9 | 75.7 | 88.3 | 74.3 | 141.0 | 74.8 | 0.846 | 86 | 76 | NW by N | 77 | 0.51 | Cloudy with rain. |
| 13 | 29.772 | 0.138 | 79.1 | 76.2 | 87.9 | 76.6 | 134.0 | 74.8 | 0.865 | 87 | 78 | W N W | 87 | 0.21 | Do. |
| 14 | 29.787 | 0.138 | 80.7 | 77.3 | 86.4 | 76.6 | 103.8 | 74.8 | 0.892 | 85 | 87 | SW by W | 90 | ... | Cloudy. |
| 15 | 29.799 | 0.172 | 82.3 | 76.8 | 90.3 | 77.4 | 128.1 | 76.8 | 0.849 | 77 | 82 | S W | 83 | 0.01 | Cloudy : lg. W. |
| 16 | 29.829 | 0.111 | 79.6 | 75.8 | 83.9 | 77.4 | 101.9 | 76.0 | 0.842 | 83 | 90 | W by N | 88 | .. | Cloudy. |
| 17 | 29.818 | 0.131 | 80.3 | 74.6 | 93.2 | 73.8 | 143.1 | 69.6 | 0.782 | 75 | 112 | N N E | 27 | | Fine with passing clouds. |
| 18 | 29.805 | 0.146 | 80.8 | 73.7 | 94.2 | 71.7 | 139.8 | 68.2 | 0.738 | 71 | 147 | NE by E | 5 | ... | Fine. |
| 19 | 29.817 | 0.132 | 84.0 | 74.2 | 94.6 | 75.5 | 143.9 | 72.0 | 0.715 | 61 | 162 | SE by E | 30 | . | Fine with passing clouds. |
| 20 | 29.803 | 0.138 | 80.2 | 75.6 | 89.2 | 77.7 | 141.7 | 76.8 | 0.825 | 80 | 153 | N N E | 90 | 0.22 | Cloudy : with rain. |
| 21 | 29.775 | 0.125 | 81.0 | 75.8 | 90.3 | 76.5 | 147.5 | 74.1 | 0.822 | 78 | 137 | N N W | 70 | ... | Cloudy. |
| 22 | 29.823 | 0.106 | 80.4 | 76.0 | 89.5 | 77.7 | 126.3 | 75.1 | 0.839 | 80 | 104 | N by W | 67 | ... | Cloudy : lg. S. W. |
| 23 | 29.870 | 0.117 | 82.1 | 75.7 | 92.7 | 73.9 | 149.6 | 70.6 | 0.803 | 73 | 121 | North | 37 | ... | Fine with passing clouds : lg. W. |
| 24 | 29.889 | 0.122 | 82.6 | 76.5 | 90.9 | 76.8 | 143.9 | 75.2 | 0.832 | 75 | 159 | SE by S | 50 | . | Passing clouds. |
| 25 | 29.854 | 0.132 | 81.8 | 76.6 | 89.1 | 77.1 | 146.5 | 74.7 | 0.848 | 78 | 111 | S E by E | 40 | | Fine with passing clouds : lg. W. & N. |
| 26 | 29.858 | 0.123 | 81.6 | 75.7 | 89.6 | 75.8 | 140.8 | 73.0 | 0.811 | 75 | 120 | E by S | 33 | ... | Fine with passing clouds : lg. S. W. |
| 27 | 29.881 | 0.127 | 82.6 | 76.1 | 91.7 | 75.6 | 147.0 | 73.1 | 0.814 | 73 | 132 | NE by E | 48 | 0.20 | Do. do. |
| 28 | 29.869 | 0.133 | 79.6 | 75.9 | 85.2 | 73.9 | 131.4 | 74.8 | 0.847 | 84 | 137 | N by E | 77 | 0.41 | Cloudy : rain : th. and lg. N. E. |
| 29 | 29.867 | 0.130 | 77.4 | 75.2 | 83.9 | 74.9 | 119.8 | 73.9 | 0.846 | 90 | 77 | East | 85 | 1.01 | Cloudy : rain : lg. W. |
| 30 | 29.860 | 0.124 | 80.5 | 76.4 | 86.3 | 75.6 | 137.3 | 74.2 | 0.856 | 82 | 109 | E by S | 63 | 0.16 | Passing clouds. |
| 31 | 29.895 | 0.122 | 80.9 | 76.4 | 87.7 | 74.8 | 140.2 | 72.9 | 0.850 | 80 | 101 | E by N | 45 | 0.08 | Fine with passing clouds. |
| Mean | 29.807 | 0.132 | 81.8 | 75.7 | 90.9 | 76.2 | 137.3 | 73.9 | 0.808 | 75 | 137 | S E by S | 60 | 3.45 | |

# Madras Meteorological Observations. 1869—November.

| November 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·923 | 0·098 | 81·4 | 76·1 | 87·7 | 75·0 | 136·5 | 73·2 | 0·830 | 77 | 225 | N N E | 53 | 0·43 | Passing clouds: rain. |
| 2 | 29·927 | 0·124 | 82·4 | 76·4 | 88·6 | 79·3 | 139·2 | 71·8 | 0·830 | 75 | 290 | N by E | 59 | 0·07 | Fine with passing clouds. |
| 3 | 29·924 | 0·132 | 81·5 | 74·5 | 87·7 | 76·5 | 137·6 | 74·5 | 0·761 | 71 | 274 | N by E | 43 | ... | Passing clouds. |
| 4 | 29·925 | 0·114 | 82·6 | 74·4 | 88·2 | 79·5 | 138·4 | 75·0 | 0·742 | 66 | 324 | N N E | 17 | ... | Do. |
| 5 | 29·924 | 0·107 | 80·8 | 74·4 | 85·5 | 79·3 | 129·4 | 75·3 | 0·766 | 72 | 277 | NE by N | 83 | 0·34 | Cloudy: rain. |
| 6 | 29·930 | 0·107 | 77·1 | 73·0 | 79·7 | 74·4 | 104·9 | 73·9 | 0·758 | 82 | 259 | N E | 100 | 1·11 | Overcast: rain. |
| 7 | 29·959 | 0·096 | 79·9 | 73·9 | 86·0 | 74·4 | 139·0 | 72·9 | 0·757 | 74 | 255 | N E | 80 | 0·01 | Cloudy. |
| 8 | 29·969 | 0·107 | 79·7 | 72·6 | 86·5 | 76·4 | 140·1 | 71·7 | 0·707 | 70 | 241 | NE by N | 33 | ... | Fine with passing clouds. |
| 9 | 29·977 | 0·131 | 77·3 | 73·2 | 85·0 | 72·2 | 135·1 | 72·0 | 0·764 | 82 | 178 | North | 43 | 0·21 | Fine with passing clouds: rain. |
| 10 | 29·950 | 0·100 | 78·3 | 74·5 | 84·1 | 72·8 | 127·9 | 71·9 | 0·804 | 83 | 133 | North | 53 | 0·03 | Passing clouds. |
| 11 | 29·975 | 0·098 | 79·4 | 74·8 | 87·7 | 72·3 | 122·7 | 70·8 | 0·802 | 80 | 146 | N by E | 60 | ... | Do. |
| 12 | 29·982 | 0·112 | 80·1 | 73·9 | 88·3 | 73·5 | 137·6 | 70·3 | 0·755 | 73 | 157 | N N E | 43 | 0·02 | Fine with passing clouds. |
| 13 | 29·944 | 0·131 | 76·7 | 73·0 | 85·5 | 72·0 | 144·6 | 72·1 | 0·763 | 83 | 172 | N by E | 80 | 1·29 | Cloudy with rain. |
| 14 | 29·903 | 0·117 | 79·2 | 73·4 | 85·1 | 72·1 | 136·0 | 73·1 | 0·746 | 75 | 214 | N by W | 58 | 0·01 | Passing clouds. |
| 15 | 29·875 | 0·108 | 75·8 | 72·5 | 80·3 | 74·0 | 103·9 | 73·8 | 0·756 | 85 | 219 | North | 97 | 1·35 | Overcast: rain. |
| 16 | 29·881 | 0·105 | 77·9 | 74·9 | 84·8 | 74·7 | 128·2 | 74·1 | 0·826 | 86 | 260 | N N E | 95 | 0·51 | Do. do. |
| 17 | 29·889 | 0·108 | 79·9 | 74·8 | 86·3 | 77·5 | 138·3 | 74·0 | 0·795 | 78 | 220 | NE by N | 60 | 0·05 | Cloudy: rain. |
| 18 | 29·879 | 0·122 | 77·7 | 74·6 | 83·2 | 73·4 | 132·6 | 71·8 | 0·817 | 86 | 130 | N N E | 77 | 0·16 | Do. do. |
| 19 | 29·925 | 0·089 | 77·2 | 74·5 | 86·3 | 72·6 | 136·2 | 70·6 | 0·819 | 88 | 111 | NE by N | 57 | 0·06 | Morning fine: afternoon cloudy. |
| 20 | 29·947 | 0·124 | 78·9 | 74·8 | 85·3 | 73·6 | 137·0 | 72·8 | 0·809 | 82 | 207 | NE by N | 68 | 0·43 | Cloudy: rain. |
| 21 | 29·955 | 0·094 | 78·6 | 73·4 | 84·9 | 74·0 | 136·4 | 72·2 | 0·754 | 77 | 264 | N by E | 53 | | Fine with passing clouds. |
| 22 | 29·921 | 0·128 | 78·6 | 72·7 | 85·2 | 72·6 | 134·1 | 71·1 | 0·726 | 74 | 241 | N by E | 63 | .. | Cloudy. |
| 23 | 29·912 | 0·106 | 75·2 | 70·4 | 81·4 | 71·7 | 133·7 | 70·0 | 0·680 | 78 | 282 | N by W | 77 | 0·04 | Do. |
| 24 | 29·912 | 0·096 | 72·3 | 68·1 | 76·4 | 70·5 | 103·4 | 70·6 | 0·632 | 80 | 299 | NW by N | 88 | 0·16 | Cloudy: rain. |
| 25 | 29·846 | 0·105 | 72·0 | 63·6 | 78·1 | 68·6 | 126·8 | 63·9 | 0·478 | 60 | 286 | NW by N | 87 | 0·34 | Do. do. |
| 26 | 29·756 | 0·146 | 66·7 | 65·8 | 70·8 | 65·5 | 77·7 | 65·4 | 0·624 | 95 | 291 | West | 100 | 1·72 | Overcast: rain. |
| 27 | 29·857 | 0·103 | 75·7 | 72·4 | 82·9 | 68·6 | 133·4 | 68·4 | 0·753 | 85 | 231 | S by E | 47 | 0·01 | Fine with light clouds. |
| 28 | 29·921 | 0·121 | 76·6 | 73·6 | 83·8 | 69·2 | 139·8 | 68·2 | 0·790 | 86 | 112 | E S E | 38 | 0·50 | Passing clouds: rain. |
| 29 | 29·885 | 0·107 | 78·3 | 74·4 | 86·5 | 72·2 | 133·3 | 70·9 | 0·799 | 82 | 103 | N E | 25 | ... | Fine with passing clouds. |
| 30 | 29·873 | 0·107 | 78·3 | 74·6 | 85·6 | 72·1 | 142·4 | 70·0 | 0·807 | 83 | 116 | N N E | 47 | ... | Do. |
| Mean | 29·915 | 0·111 | 77·9 | 73·1 | 84·2 | 73·4 | 130·2 | 71·6 | 0·755 | 79 | 217 | N N E | 64 | 8·85 | |

## Madras Meteorological Observations. 1869—December.

| December 1869 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·869 | 0·143 | 77·6 | 73·6 | 85·8 | 71·4 | 135·2 | 69·1 | 0·776 | 82 | 111 | N N E | 35 | ... | Morning cloudy : afternoon fine. |
| 2 | 29·868 | 0·094 | 77·4 | 73·3 | 85·5 | 71·2 | 136·0 | 68·5 | 0·766 | 82 | 124 | NE by N | 50 | ... | Passing clouds. |
| 3 | 29·873 | 0·117 | 77·9 | 72·8 | 85·7 | 71·2 | 135·1 | 68·4 | 0·740 | 78 | 171 | N N E | 47 | ... | Do. |
| 4 | 29·877 | 0·105 | 78·2 | 72·4 | 85·6 | 71·6 | 138·6 | 68·7 | 0·719 | 74 | 162 | N by E | 57 | ... | Do. |
| 5 | 29·911 | 0·119 | 76·6 | 69·4 | 84·7 | 69·4 | 133·8 | 64·5 | 0·623 | 68 | 170 | N by E | 38 | ... | Fine with passing clouds. |
| 6 | 29·916 | 0·126 | 76·8 | 70·4 | 85·1 | 68·9 | 140·8 | 64·0 | 0·658 | 71 | 147 | N by E | 55 | ... | Do. |
| 7 | 29·930 | 0·107 | 74·4 | 68·2 | 83·8 | 67·2 | 135·3 | 62·1 | 0·608 | 71 | 174 | North | 20 | ... | Do. |
| 8 | 29·923 | 0·107 | 76·4 | 69·6 | 84·0 | 69·6 | 135·4 | 64·7 | 0·633 | 70 | 211 | North | 67 | ... | Passing clouds. |
| 9 | 29·922 | 0·123 | 74·0 | 71·4 | 79·3 | 71·3 | 97·3 | 72·0 | 0·736 | 88 | 189 | N N W | 97 | 0·10 | Overcast with rain. |
| 10 | 29·907 | 0·123 | 77·0 | 73·8 | 85·2 | 73·3 | 135·7 | 72·0 | 0·792 | 85 | 223 | North | 75 | 0·10 | Cloudy with rain. |
| 11 | 29·894 | 0·117 | 75·9 | 73·9 | 82·2 | 72·5 | 126·9 | 70·6 | 0·811 | 91 | 187 | N by W | 88 | 0·27 | Do. |
| 12 | 29·876 | 0·118 | 78·4 | 75·6 | 84·9 | 73·7 | 134·1 | 72·0 | 0·850 | 88 | 128 | NE by N | 58 | 0·68 | Do. |
| 13 | 29·902 | 0·098 | 77·5 | 75·0 | 86·2 | 74·2 | 143·4 | 72·8 | 0·836 | 89 | 92 | NE by E | 67 | 0·15 | Do. |
| 14 | 29·917 | 0·126 | 77·1 | 75·1 | 84·6 | 73·7 | 133·8 | 72·4 | 0·845 | 91 | 89 | NE by N | 80 | 1·16 | Do. |
| 15 | 29·929 | 0·121 | 77·8 | 75·2 | 84·9 | 73·5 | 136·8 | 73·5 | 0·841 | 89 | 161 | N E | 73 | 0·88 | Do. |
| 16 | 29·946 | 0·121 | 79·0 | 75·1 | 85·4 | 74·6 | 138·4 | 72·1 | 0·820 | 82 | 122 | NE by E | 53 | 0·10 | Passing clouds. |
| 17 | 29·975 | 0·133 | 77·8 | 73·9 | 86·4 | 73·4 | 136·8 | 71·9 | 0·785 | 82 | 137 | NE by N | 43 | ... | Do. |
| 18 | 29·977 | 0·119 | 76·1 | 72·0 | 84·4 | 70·8 | 132·7 | 68·5 | 0·731 | 82 | 62 | N E | 18 | ... | Fine. |
| 19 | 29·984 | 0·105 | 76·1 | 71·8 | 84·3 | 68·6 | 130·2 | 65·6 | 0·723 | 81 | 73 | E N E | 30 | | Fine with passing clouds. |
| 20 | 29·967 | 0·095 | 76·1 | 71·7 | 84·8 | 69·6 | 137·5 | 67·2 | 0·719 | 80 | 66 | NE by E | 30 | ... | Do. |
| 21 | 29·965 | 0·122 | 75·7 | 71·5 | 84·6 | 68·6 | 137·2 | 65·5 | 0·717 | 81 | 95 | N E | 10 | ... | Fine. |
| 22 | 29·965 | 0·106 | 77·7 | 72·3 | 85·5 | 70·2 | 133·3 | 67·1 | 0·721 | 75 | 150 | N N E | 42 | ... | Passing clouds. |
| 23 | 29·959 | 0·095 | 77·5 | 72·9 | 86·1 | 72·6 | 138·0 | 68·5 | 0·749 | 80 | 148 | N N E | 42 | 0·15 | Passing clouds : rain. |
| 24 | 29·966 | 0·102 | 76·4 | 73·2 | 84·6 | 71·9 | 136·9 | 70·6 | 0·776 | 85 | 144 | NE by N | 73 | 0·13 | Cloudy : rain. |
| 25 | 29·994 | 0·110 | 74·5 | 70·9 | 84·5 | 71·6 | 134·5 | 71·9 | 0·710 | 84 | 150 | N N E | 47 | ... | Fine with passing clouds. |
| 26 | 29·983 | 0·098 | 75·3 | 69·8 | 85·1 | 66·2 | 131·5 | 60·9 | 0·656 | 75 | 153 | N by E | 28 | ... | Do. |
| 27 | 29·984 | 0·110 | 76·0 | 69·4 | 83·8 | 68·7 | 134·5 | 65·1 | 0·632 | 71 | 200 | North | 25 | | Do. |
| 28 | 29·986 | 0·104 | 76·4 | 69·7 | 84·7 | 67·4 | 132·1 | 61·1 | 0·637 | 70 | 214 | N by E | 30 | ... | Do. |
| 29 | 29·958 | 0·099 | 78·5 | 71·6 | 85·5 | 72·5 | 138·8 | 65·6 | 0·683 | 70 | 276 | N by E | 50 | 0·01 | Passing clouds. |
| 30 | 29·941 | 0·129 | 78·4 | 72·3 | 84·5 | 76·6 | 132·0 | 72·0 | 0·713 | 74 | 291 | N N E | 70 | ... | Cloudy. |
| 31 | 29·943 | 0·079 | 77·7 | 72·0 | 86·3 | 73·2 | 142·4 | 69·1 | 0·710 | 75 | 247 | N N E | 62 | ... | Passing clouds. |
| Mean | 29·936 | 0·112 | 76·8 | 72·3 | 84·7 | 71·3 | 134·4 | 68·3 | 0·733 | 79 | 157 | N N E | 50 | 3·73 | |

## Madras Mean Monthly and Annual Meteorological Results in 1869.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum. | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·012 | 0·125 | 70·7 | 85·9 | 69·0 | 16·9 | 70·5 | 67·0 | 0·668 | 73 | 138·5 | 64·8 | 173 | 5 | N E by E | 0·02 | 1 | 56 |
| February | 29·953 | 0·127 | 78·8 | 89·0 | 69·5 | 19·5 | 72·2 | 68·1 | 0·706 | 72 | 138·8 | 65·3 | 161 | 10 | E S E | ... | ... | 74 |
| March | 29·889 | 0·127 | 81·4 | 90·2 | 73·3 | 16·9 | 74·5 | 71·0 | 0·761 | 71 | 140·5 | 70·0 | 175 | 12 | S E | 0·04 | 1 | 73 |
| April | 29·814 | 0·133 | 84·8 | 93·6 | 78·4 | 15·2 | 78·0 | 75·0 | 0·873 | 73 | 140·9 | 76·1 | 209 | 14 | S S E | 0·12 | 1 | 66 |
| May | 29·712 | 0·127 | 88·3 | 98·8 | 82·4 | 16·4 | 79·4 | 77·0 | 0·888 | 67 | 141·0 | 81·0 | 263 | 15 | S by E | ... | ... | 73 |
| June | 29·671 | 0·121 | 88·6 | 100·6 | 82·6 | 18·0 | 76·1 | 72·8 | 0·734 | 55 | 140·0 | 81·1 | 266 | 20 | S W | 1·94 | 9 | 25 |
| July | 29·701 | 0·125 | 86·0 | 98·4 | 80·0 | 18·4 | 76·2 | 73·4 | 0·775 | 62 | 142·0 | 78·3 | 215 | 19 | S W by S | 5·19 | 16 | 36 |
| August | 29·730 | 0·122 | 84·1 | 93·1 | 78·2 | 14·9 | 76·7 | 74·2 | 0·821 | 70 | 139·0 | 76·4 | 171 | 17 | S by W | 4·40 | 12 | 38 |
| September | 29·753 | 0·135 | 83·0 | 93·3 | 77·3 | 16·0 | 76·1 | 72·9 | 0·809 | 72 | 138·0 | 75·1 | 183 | 19 | S W by S | 4·57 | 16 | 27 |
| October | 29·807 | 0·132 | 81·8 | 90·9 | 76·2 | 14·7 | 75·7 | 73·5 | 0·808 | 75 | 137·3 | 73·9 | 137 | 13 | S E by S | 3·45 | 12 | 40 |
| November | 29·915 | 0·111 | 77·9 | 84·2 | 73·4 | 10·8 | 73·1 | 70·7 | 0·755 | 79 | 130·2 | 71·6 | 217 | 2 | N N E | 8·85 | 22 | 36 |
| December | 29·936 | 0·112 | 76·8 | 84·7 | 71·3 | 13·4 | 72·3 | 69·7 | 0·731 | 79 | 134·4 | 68·3 | 157 | 2 | N N E | 3·73 | 11 | 50 |
| Annual | 29·824 | 0·125 | 82·4 | 91·9 | 76·0 | 15·9 | 75·1 | 72·1 | 0·778 | 71 | 138·6 | 73·5 | 194 | 12 | S E | 32·31 | 101 | 50 |

## Madras Extreme Monthly Meteorological Records in 1869.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·173 | 15 | 29·876 | 30 | 0·297 | 87·6 | 14 | 65·3 | 18 | 63·1 | 18 | 48 | 11 | 144·1 | 1 | 60·2 | 6 | 296 | 16 | 107 | 5 | 0·02 | 1 |
| February | 30·091 | 14 | 29·771 | 7 | 0·320 | 93·9 | 3 | 62·0 | 17 | 61·5 | 17 | 48 | 16 | 145·7 | 22 | 57·2 | 17 | 227 | 6 | 102 | 17 | ... | ... |
| March | 30·056 | 1 | 29·767 | 21 | 0·289 | 96·2 | 27 | 69·9 | 1 | 68·1 | 1 | 52 | 25 | 149·2 | 19 | 65·9 | 3 | 235 | 8 | 123 | 1 | 0·04 | 7 |
| April | 30·012 | 1 | 29·678 | 8 | 0·334 | 103·0 | 29 | 71·8 | 3 | 67·3 | 7 | 27 | 7 | 151·2 | 29 | 68·7 | 3 | 354 | 16 | 47 | 23 | 0·12 | 23 |
| May | 29·914 | 3 | 29·533 | 22 | 0·381 | 106·3 | 15 | 80·4 | 3 | 72·2 | 23 | 30 | 22 | 151·0 | 11 | 78·8 | 3 | 359 | 9 | 131 | 27 | ... | ... |
| June | 29·829 | 16 | 29·518 | 29 | 0·311 | 106·4 | 15 | 79·3 | 4 | 69·0 | 20 | 28 | 8 | 152·6 | 15 | 76·0 | 6 | 357 | 19 | 178 | 1 | 0·76 | 30 |
| July | 29·813 | 26 | 29·580 | 12 | 0·233 | 104·9 | 5 | 74·3 | 23 | 70·6 | 23 | 28 | 4 | 151·5 | 11 | 72·3 | 23 | 295 | 4 | 113 | 26 | 2·10 | 31 |
| August | 29·856 | 14 | 29·585 | 7 | 0·271 | 100·4 | 17 | 73·0 | 29 | 70·8 | 29 | 39 | 17 | 149·5 | 20 | 71·8 | 29 | 264 | 21 | 93 | 3 | 2·06 | 23 |
| September | 29·904 | 28 | 29·578 | 20 | 0·326 | 99·5 | 11 | 74·1 | 28 | 70·1 | 25 | 43 | 11 | 152·0 | 11 | 71·5 | 22 | 239 | 11 | 93 | 15 | 1·56 | 17 |
| October | 29·945 | 31 | 29·646 | 5 | 0·299 | 98·4 | 8 | 71·7 | 18 | 69·6 | 6 | 39 | 19 | 151·8 | 10 | 68·2 | 18 | 224 | 5 | 76 | 12 | 1·01 | 29 |
| November | 30·042 | 9 | 29·696 | 26 | 0·346 | 88·6 | 2 | 65·5 | 26 | 59·0 | 25 | 58 | 25 | 144·6 | 13 | 63·9 | 25 | 324 | 4 | 103 | 29 | 1·72 | 26 |
| December | 30·051 | 25 | 29·313 | 1 | 0·238 | 86·4 | 17 | 66·2 | 26 | 65·2 | 26 | 55 | 7 | 143·4 | 13 | 60·9 | 26 | 291 | 30 | 62 | 18 | 1·16 | 14 |

## Madras Meteorological Observations. 1870—January.

| January 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·964 | 0·106 | 79·4 | 72·6 | 85·8 | 75·4 | 136·4 | 70·3 | 0·711 | 71 | 274 | N N E | 63 | ... | Passing clouds. |
| 2 | 29·954 | 0·114 | 78·5 | 71·8 | 86·1 | 76·0 | 139·8 | 72·7 | 0·691 | 71 | 208 | N N E | 65 | ... | Do. |
| 3 | 29·883 | 0·133 | 75·0 | 69·4 | 85·0 | 68·4 | 135·4 | 62·6 | 0·645 | 74 | 133 | N by E | 55 | ... | Do. |
| 4 | 29·875 | 0·100 | 75·0 | 69·9 | 85·6 | 67·3 | 138·7 | 62·4 | 0·665 | 77 | 128 | N by E | 57 | ... | Do. |
| 5 | 29·906 | 0·089 | 76·1 | 71·1 | 85·6 | 68·8 | 133·4 | 64·0 | 0·696 | 77 | 153 | N by E | 50 | ... | Do. |
| 6 | 29·938 | 0·109 | 76·1 | 70·7 | 86·8 | 69·9 | 139·1 | 64·8 | 0·680 | 75 | 178 | N by E | 40 | ... | Fine with passing clouds. |
| 7 | 29·899 | 0·113 | 75·6 | 71·0 | 85·7 | 69·7 | 141·3 | 65·0 | 0·699 | 79 | 180 | North | 55 | ... | Passing clouds. |
| 8 | 29·890 | 0·112 | 75·7 | 71·6 | 86·5 | 68·3 | 143·2 | 63·0 | 0·721 | 82 | 161 | North | 40 | ... | Fine with passing clouds. |
| 9 | 29·881 | 0·109 | 75·7 | 71·1 | 86·2 | 67·7 | 138·1 | 61·4 | 0·702 | 79 | 187 | N by E | 40 | ... | Passing clouds. |
| 10 | 29·855 | 0·109 | 75·3 | 71·1 | 85·2 | 68·6 | 137·3 | 63·2 | 0·707 | 80 | 189 | North | 63 | ... | Do. |
| 11 | 29·841 | 0·140 | 72·0 | 69·2 | 77·8 | 68·7 | 111·1 | 64·0 | 0·678 | 86 | 126 | N by W | 85 | 0·06 | Cloudy. |
| 12 | 29·802 | 0·138 | 72·1 | 66·1 | 81·3 | 66·3 | 124·9 | 62·2 | 0·562 | 71 | 178 | N N W | 73 | ... | Cloudy: lg. |
| 13 | 29·781 | 0·129 | 73·2 | 61·9 | 83·4 | 62·4 | 135·9 | 57·9 | 0·404 | 50 | 203 | NWbyN | 77 | ... | Cloudy. |
| 14 | 29·807 | 0·093 | 73·0 | 64·0 | 82·6 | 70·7 | 144·2 | 67·0 | 0·477 | 58 | 223 | NWbyN | 90 | 0·16 | Cloudy with rain. |
| 15 | 29·722 | 0·141 | 68·3 | 67·7 | 72·2 | 66·3 | 76·2 | 66·0 | 0·672 | 97 | 419 | NWbyN | 100 | 4·81 | Overcast with rain. |
| 16 | 29·753 | 0·074 | 74·2 | 73·3 | 78·1 | 72·1 | 101·6 | 72·1 | 0·809 | 95 | 236 | SWbyW | 90 | 1·21 | Cloudy with rain. |
| 17 | 29·843 | 0·116 | 75·4 | 73·1 | 81·3 | 72·5 | 123·4 | 72·1 | 0·786 | 89 | 96 | S S E | 83 | 0·26 | Do. |
| 18 | 29·900 | 0·112 | 76·7 | 73·7 | 83·4 | 72·0 | 134·9 | 69·4 | 0·793 | 86 | 69 | E by S | 50 | ... | Passing clouds. |
| 19 | 29·882 | 0·128 | 76·7 | 74·1 | 83·8 | 70·9 | 138·4 | 68·1 | 0·809 | 88 | 57 | East | 53 | 0·05 | Do. |
| 20 | 29·880 | 0·102 | 78·6 | 74·8 | 84·3 | 74·6 | 135·8 | 72·2 | 0·812 | 83 | 97 | E by N | 83 | ... | Cloudy. |
| 21 | 29·918 | 0·127 | 78·1 | 74·3 | 84·5 | 72·7 | 135·3 | 69·9 | 0·798 | 83 | 99 | E N E | 60 | ... | Passing clouds. |
| 22 | 29·913 | 0·129 | 79·5 | 75·5 | 85·2 | 76·1 | 136·6 | 73·3 | 0·830 | 82 | 153 | E N E | 47 | ... | Do. |
| 23 | 29·910 | 0·095 | 77·9 | 73·8 | 85·5 | 71·8 | 138·7 | 67·7 | 0·780 | 82 | 140 | N E by E | 33 | ... | Fine with passing clouds. |
| 24 | 29·942 | 0·096 | 78·1 | 73·3 | 85·9 | 71·3 | 141·7 | 67·4 | 0·757 | 79 | 213 | N E by N | 43 | ... | Do. |
| 25 | 29·958 | 0·099 | 78·9 | 73·3 | 85·2 | 74·7 | 137·6 | 69·1 | 0·746 | 76 | 235 | N E | 47 | ... | Do. |
| 26 | 29·987 | 0·096 | 77·2 | 70·2 | 84·2 | 73·7 | 137·2 | 67·3 | 0·646 | 69 | 225 | NE byN | 23 | ... | Fine with light clouds. |
| 27 | 29·983 | 0·135 | 74·9 | 67·4 | 82·3 | 65·5 | 130·8 | 59·1 | 0·572 | 66 | 201 | N N E | 37 | ... | Do. |
| 28 | 29·972 | 0·129 | 75·1 | 68·4 | 83·2 | 65·9 | 135·3 | 60·1 | 0·606 | 69 | 172 | N N E | 30 | ... | Fine with passing clouds. |
| 29 | 30·009 | 0·133 | 76·7 | 67·8 | 83·8 | 70·1 | 132·8 | 64·5 | 0·561 | 61 | 183 | N N E | 27 | ... | Do. |
| 30 | 29·970 | 0·121 | 75·2 | 67·5 | 83·2 | 66·5 | 135·7 | 61·1 | 0·572 | 65 | 190 | N N E | 48 | ... | Do. |
| 31 | 29·954 | 0·105 | 73·4 | 67·3 | 83·8 | 65·1 | 133·7 | 58·7 | 0·589 | 72 | 114 | N N E | 23 | ... | Do. |
| Mean | 29·896 | 0·114 | 75·7 | 70·5 | 83·7 | 70·0 | 132·4 | 65·8 | 0·683 | 77 | 175 | N N E | 56 | 6·55 | |

# Madras Meteorological Observations. 1870—February.

| February 1870 | Barometer reduced to 32°: Mean | Barometer reduced to 32°: Range | Corrected Mean Temperature: Dry | Corrected Mean Temperature: Wet | Self Registering Thermometers: Dry Max. | Self Registering Thermometers: Dry Min. | Self Registering Thermometers: Sun Max. | Self Registering Thermometers: Grass Min. | Deduced: Vapour Tension | Deduced: Humidity | Wind: Daily Velocity | Wind: Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·926 | 0·156 | 73·8 | 67·9 | 82·8 | 63·5 | 131·6 | 56·7 | 0·606 | 72 | 91 | N E by N | 13 | ... | Fine. |
| 2 | 29·912 | 0·123 | 73·8 | 67·9 | 84·0 | 64·4 | 132·8 | 57·4 | 0·606 | 72 | 83 | N E | 2 | ... | Clear. |
| 3 | 29·882 | 0·132 | 72·5 | 67·3 | 83·5 | 63·2 | 131·9 | 56·0 | 0·600 | 75 | 60 | N E by E | 2 | ... | Do. |
| 4 | 29·882 | 0·122 | 71·6 | 66·8 | 84·6 | 62·3 | 134·1 | 54·6 | 0·594 | 77 | 64 | E N E | 0 | ... | Do. |
| 5 | 29·850 | 0·146 | 72·8 | 65·6 | 87·6 | 62·7 | 136·5 | 55·2 | 0·535 | 66 | 58 | E by S | 0 | ... | Do. |
| 6 | 29·842 | 0·143 | 73·0 | 67·5 | 86·4 | 60·7 | 136·1 | 53·0 | 0·601 | 74 | 56 | E by S | 0 | ... | Do. |
| 7 | 29·850 | 0·135 | 74·7 | 69·0 | 87·3 | 65·1 | 136·4 | 58·1 | 0·634 | 73 | 87 | E S E | 10 | ... | Fine. |
| 8 | 29·880 | 0·117 | 76·2 | 68·1 | 85·1 | 65·8 | 133·6 | 59·5 | 0·580 | 64 | 106 | E N E | 17 | ... | Do. |
| 9 | 29·880 | 0·124 | 75·2 | 67·1 | 84·1 | 70·0 | 142·5 | 66·0 | 0·557 | 64 | 100 | N E by N | 30 | ... | Fine with passing clouds. |
| 10 | 29·881 | 0·121 | 74·2 | 67·8 | 83·3 | 62·2 | 131·2 | 56·0 | 0·595 | 70 | 127 | N E | 25 | ... | Do. |
| 11 | 29·886 | 0·112 | 77·0 | 71·6 | 87·2 | 67·1 | 136·6 | 62·5 | 0·703 | 75 | 145 | N E | 28 | ... | Do. |
| 12 | 29·903 | 0·126 | 79·0 | 73·4 | 87·1 | 71·1 | 135·1 | 66·7 | 0·749 | 76 | 150 | N E by N | 30 | ... | Light haze. |
| 13 | 29·915 | 0·122 | 78·3 | 72·4 | 88·2 | 70·0 | 137·9 | 65·4 | 0·718 | 74 | 152 | N N E | 30 | ... | Do. |
| 14 | 29·885 | 0·099 | 77·2 | 71·6 | 88·7 | 68·0 | 138·2 | 61·8 | 0·701 | 75 | 142 | N by E | 30 | ... | Fine with passing clouds. |
| 15 | 29·928 | 0·113 | 78·2 | 72·7 | 87·6 | 70·3 | 136·1 | 65·8 | 0·731 | 76 | 159 | N by E | 20 | ... | Fine. |
| 16 | 29·929 | 0·131 | 76·5 | 72·1 | 87·6 | 69·2 | 137·3 | 64·0 | 0·730 | 79 | 126 | N by E | 63 | ... | Cloudy. |
| 17 | 29·908 | 0·123 | 77·5 | 71·5 | 87·8 | 67·7 | 135·2 | 61·7 | 0·693 | 74 | 110 | N E | 12 | ... | Fine. |
| 18 | 29·956 | 0·112 | 77·2 | 69·7 | 86·0 | 67·6 | 135·2 | 62·2 | 0·627 | 67 | 110 | East | 8 | ... | Do. |
| 19 | 30·010 | 0·116 | 75·4 | 67·7 | 84·9 | 63·9 | 133·8 | 58·5 | 0·576 | 65 | 120 | N E | 8 | ... | Do. |
| 20 | 29·992 | 0·121 | 74·7 | 68·8 | 86·5 | 64·9 | 136·5 | 59·2 | 0·625 | 72 | 106 | N N E | 17 | ... | Do. |
| 21 | 30·006 | 0·109 | 74·0 | 67·7 | 85·5 | 63·9 | 135·0 | 57·9 | 0·595 | 71 | 95 | N E by N | 8 | ... | Fine with light haze. |
| 22 | 29·978 | 0·136 | 75·6 | 68·0 | 85·3 | 62·9 | 136·2 | 57·4 | 0·585 | 66 | 136 | N E | 20 | ... | Fine. |
| 23 | 29·958 | 0·139 | 75·3 | 67·2 | 86·8 | 63·9 | 138·0 | 59·1 | 0·560 | 64 | 162 | N N E | 10 | ... | Do. |
| 24 | 29·912 | 0·134 | 77·7 | 70·1 | 85·7 | 70·0 | 139·6 | 67·3 | 0·636 | 67 | 271 | North | 37 | ... | Fine with passing clouds. |
| 25 | 29·874 | 0·129 | 78·9 | 72·2 | 87·6 | 72·2 | 139·8 | 69·0 | 0·701 | 71 | 290 | N by W | 33 | 0·01 | Do. |
| 26 | 29·902 | 0·116 | 78·9 | 71·6 | 87·0 | 73·1 | 138·7 | 70·8 | 0·678 | 69 | 285 | North | 17 | ... | Fine with light clouds. |
| 27 | 29·903 | 0·108 | 78·0 | 71·2 | 87·0 | 71·9 | 138·2 | 69·0 | 0·674 | 70 | 231 | N by W | 37 | ... | Fine with passing clouds. |
| 28 | 29·873 | 0·114 | 77·9 | 72·8 | 87·3 | 73·8 | 140·2 | 72·0 | 0·740 | 78 | 304 | N W | 80 | 0·04 | Cloudy. |
| Mean | 29·911 | 0·123 | 75·9 | 69·5 | 86·2 | 66·8 | 136·2 | 61·5 | 0·640 | 71 | 140 | N E by N | 21 | 0·05 | |

## Madras Meteorological Observations. 1870—March.

| March 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·949 | 0·124 | 75·8 | 73·2 | 82·9 | 72·7 | 133·5 | 69·2 | 0·784 | 88 | 115 | East | 72 | 1·72 | Cloudy with rain. |
| 2 | 29·913 | 0·114 | 78·3 | 73·5 | 85·4 | 71·9 | 132·9 | 70·4 | 0·763 | 79 | 92 | NE by E | 33 | ... | Fine with passing clouds. |
| 3 | 29·889 | 0·126 | 76·6 | 72·0 | 84·4 | 69·6 | 130·7 | 67·6 | 0·725 | 79 | 64 | NE by E | 23 | ... | Do. |
| 4 | 29·883 | 0·119 | 77·0 | 71·9 | 85·2 | 70·4 | 136·4 | 68·5 | 0·715 | 77 | 82 | E by N | 13 | ... | Do. |
| 5 | 29·898 | 0·114 | 77·5 | 71·3 | 85·3 | 68·9 | 137·5 | 66·8 | 0·685 | 72 | 92 | East | 20 | ... | Fine with light clouds. |
| 6 | 29·914 | 0·117 | 78·1 | 72·6 | 85·8 | 69·0 | 135·5 | 68·0 | 0·728 | 76 | 104 | East | 33 | ... | Fine with passing clouds. |
| 7 | 29·895 | 0·116 | 78·3 | 73·1 | 86·5 | 70·9 | 133·9 | 70·1 | 0·746 | 77 | 90 | East | 10 | ... | Fine. |
| 8 | 29·876 | 0·121 | 78·7 | 73·5 | 88·8 | 69·9 | 134·7 | 69·2 | 0·757 | 77 | 78 | East | 20 | ... | Do. |
| 9 | 29·863 | 0·110 | 77·9 | 72·9 | 88·1 | 70·1 | 134·3 | 68·0 | 0·743 | 78 | 71 | E by S | 3 | ... | Clear. |
| 10 | 29·866 | 0·102 | 77·3 | 71·6 | 87·8 | 67·9 | 134·1 | 68·0 | 0·699 | 75 | 76 | E S E | 0 | ... | Do. |
| 11 | 29·872 | 0·122 | 76·6 | 71·0 | 87·0 | 67·4 | 133·6 | 64·0 | 0·685 | 75 | 87 | SE by E | 8 | ... | Fine. |
| 12 | 29·859 | 0·138 | 77·0 | 71·5 | 88·0 | 66·7 | 134·6 | 63·1 | 0·699 | 75 | 124 | S E | 0 | ... | Clear. |
| 13 | 29·838 | 6·131 | 78·2 | 72·0 | 88·9 | 67·0 | 135·9 | 63·9 | 0·703 | 73 | 144 | S E | 3 | ... | Do. |
| 14 | 29·810 | 0·126 | 78·7 | 73·5 | 87·8 | 68·7 | 134·8 | 64·5 | 0·757 | 77 | 206 | S E | 3 | ... | Do. |
| 15 | 29·810 | 0·142 | 80·3 | 75·2 | 87·6 | 73·9 | 137·1 | 70·8 | 0·807 | 78 | 193 | S E | 23 | ... | Fine with passing clouds. |
| 16 | 29·830 | 0·126 | 80·0 | 75·2 | 89·1 | 73·6 | 137·9 | 69·7 | 0·811 | 79 | 211 | S S E | 50 | ... | Morning cloudy : night fine. |
| 17 | 29·861 | 0·122 | 80·2 | 74·2 | 89·5 | 73·1 | 136·2 | 69·1 | 0·766 | 74 | 221 | SE by S | 33 | ... | Fine with light clouds. |
| 18 | 29·929 | 0·127 | 79·7 | 74·1 | 88·0 | 73·2 | 142·6 | 69·5 | 0·770 | 76 | 175 | N E | 47 | ... | Passing clouds. |
| 19 | 29·914 | 0·128 | 81·3 | 74·4 | 88·8 | 77·2 | 143·7 | 74·0 | 0·760 | 71 | 179 | E N E | 28 | ... | Fine with light clouds. |
| 20 | 29·916 | 0·094 | 80·0 | 73·4 | 89·2 | 73·1 | 139·7 | 71·7 | 0·736 | 72 | 128 | East | 62 | ... | Do. |
| 21 | 29·939 | 0·089 | 79·6 | 73·8 | 89·5 | 72·1 | 139·8 | 69·1 | 0·757 | 75 | 114 | E by S | 37 | ... | Fine with passing clouds. |
| 22 | 29·933 | 0·115 | 80·2 | 74·1 | 89·4 | 72·7 | 143·6 | 69·7 | 0·762 | 74 | 106 | SE by E | 80 | ... | Cloudy. |
| 23 | 29·906 | 0·132 | 80·6 | 74·5 | 89·0 | 72·9 | 137·2 | 70·1 | 0·773 | 74 | 168 | S E | 25 | ... | Fine with passing clouds. |
| 24 | 29·886 | 0·140 | 82·2 | 75·9 | 90·3 | 74·6 | 142·2 | 71·4 | 0·811 | 74 | 187 | S E | 43 | ... | Do. |
| 25 | 29·878 | 0·107 | 81·3 | 75·2 | 88·4 | 74·8 | 137·2 | 72·7 | 0·794 | 74 | 185 | S E | 25 | ... | Do. |
| 26 | 29·878 | 0·107 | 80·4 | 74·2 | 89·1 | 72·2 | 137·4 | 68·7 | 0·763 | 73 | 148 | SE by E | 10 | ... | Fine. |
| 27 | 29·897 | 0·125 | 80·2 | 73·9 | 88·9 | 73·1 | 137·2 | 70·3 | 0·753 | 73 | 127 | E by S | 27 | ... | Fine with light clouds. |
| 28 | 29·849 | 0·137 | 79·3 | 73·7 | 88·9 | 70·5 | 136·8 | 67·4 | 0·758 | 76 | 118 | E by S | 3 | ... | Clear. |
| 29 | 29·809 | 0·129 | 79·6 | 72·5 | 91·3 | 70·4 | 140·7 | 68·7 | 0·705 | 70 | 101 | SE by E | 0 | ... | Do. |
| 30 | 29·803 | 0·095 | 78·8 | 71·1 | 87·5 | 69·3 | 137·2 | 65·8 | 0·660 | 67 | 129 | SE by S | 7 | ... | Fine. |
| 31 | 29·783 | 0·159 | 80·9 | 73·9 | 89·6 | 69·2 | 141·8 | 66·9 | 0·744 | 71 | 162 | S E | 47 | ... | Hazy. |
| Mean | 29·876 | 0·121 | 79·1 | 73·3 | 87·9 | 71·2 | 137·1 | 68·6 | 0·746 | 75 | 132 | E S E | 25 | 1·72 | |

# Madras Meteorological Observations. 1870—April.

| April 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·754 | 0·113 | 82·0 | 75·5 | 89·3 | 73·5 | 138·5 | 70·8 | 0·797 | 73 | 189 | SE by E | 47 | ... | Passing clouds. |
| 2 | 29·857 | 0·074 | 82·4 | 75·4 | 90·6 | 74·3 | 140·3 | 71·4 | 0·787 | 71 | 193 | E S E | 38 | ... | Fine with passing clouds. |
| 3 | 29·897 | 0·090 | 83·1 | 75·7 | 90·3 | 79·0 | 140·1 | 75·8 | 0·789 | 69 | 150 | East | 23 | ... | Do. |
| 4 | 29·887 | 0·103 | 81·6 | 74·0 | 90·6 | 71·8 | 141·8 | 69·8 | 0·739 | 69 | 124 | East | 23 | ... | Do. |
| 5 | 29·832 | 0·149 | 82·0 | 73·3 | 93·5 | 71·4 | 142·8 | 67·0 | 0·704 | 64 | 187 | S E | 0 | ... | Clear. |
| 6 | 29·744 | 0·139 | 83·1 | 73·6 | 97·0 | 71·4 | 144·8 | 68·1 | 0·702 | 62 | 239 | S S E | 3 | ... | Do. |
| 7 | 29·772 | 0·106 | 82·1 | 74·7 | 90·5 | 74·4 | 138·5 | 71·3 | 0·761 | 69 | 238 | S S E | 12 | ... | Fine. |
| 8 | 29·813 | 0·131 | 82·7 | 76·8 | 90·2 | 75·5 | 137·4 | 71·9 | 0·843 | 75 | 234 | S S E | 30 | ... | Fine with passing clouds. |
| 9 | 29·771 | 0·164 | 84·1 | 77·6 | 96·6 | 76·5 | 146·1 | 73·8 | 0·860 | 74 | 249 | S by E | 43 | ... | Hazy. |
| 10 | 29·724 | 0·171 | 85·1 | 76·5 | 99·8 | 78·4 | 144·6 | 76·2 | 0·798 | 66 | 309 | S S E | 33 | ... | Fine with light clouds. |
| 11 | 29·705 | 0·135 | 85·4 | 77·8 | 101·3 | 78·3 | 148·2 | 75·8 | 0·852 | 70 | 234 | S by E | 67 | ... | Do. |
| 12 | 29·774 | 0·136 | 84·0 | 78·2 | 91·6 | 79·0 | 139·9 | 76·8 | 0·888 | 76 | 279 | S S E | 60 | ... | Hazy. |
| 13 | 29·784 | 0·156 | 83·4 | 77·0 | 91·1 | 76·4 | 134·4 | 73·8 | 0·842 | 73 | 221 | SE by S | 70 | ... | Do. |
| 14 | 29·787 | 0·141 | 83·3 | 76·5 | 91·7 | 76·8 | 138·5 | 74·1 | 0·822 | 71 | 230 | S S E | 20 | ... | Light haze. |
| 15 | 29·803 | 0·152 | 82·9 | 75·8 | 91·4 | 76·0 | 137·9 | 73·4 | 0·797 | 71 | 231 | S S E | 7 | ... | Fine. |
| 16 | 29·779 | 0·137 | 82·2 | 75·3 | 91·0 | 73·8 | 138·2 | 72·7 | 0·785 | 71 | 168 | S S E | 8 | ... | Do. |
| 17 | 29·799 | 0·116 | 81·7 | 75·8 | 90·0 | 73·0 | 137·0 | 69·8 | 0·814 | 75 | 180 | SE by S | 10 | ... | Do. |
| 18 | 29·829 | 0·113 | 83·2 | 76·3 | 90·4 | 75·0 | 137·4 | 72·8 | 0·814 | 71 | 159 | SE by S | 28 | ... | Light haze. |
| 19 | 29·845 | 0·118 | 83·1 | 76·6 | 91·9 | 75·5 | 138·4 | 72·5 | 0·829 | 73 | 140 | SE by E | 13 | ... | Fine. |
| 29 | 29·849 | 0·137 | 83·8 | 77·5 | 91·5 | 77·0 | 142·4 | 75·6 | 0·860 | 74 | 173 | SE by S | 43 | ... | Fine with light clouds. |
| 21 | 29·839 | 0·124 | 81·3 | 77·9 | 91·9 | 78·0 | 140·4 | 76·2 | 0·870 | 74 | 170 | S E | 33 | ... | Fine with passing clouds: th. & lg. |
| 22 | 29·839 | 0·133 | 84·5 | 76·3 | 92·4 | 78·1 | 139·4 | 75·9 | 0·797 | 67 | 177 | SE by S | 8 | ... | Fine. |
| 23 | 29·814 | 0·149 | 83·9 | 77·4 | 91·3 | 76·0 | 137·4 | 73·2 | 0·853 | 73 | 205 | SE by S | 8 | ... | Do. |
| 24 | 29·749 | 0·166 | 85·6 | 78·0 | 96·7 | 77·7 | 143·4 | 75·2 | 0·858 | 70 | 217 | S S E | 3 | ... | Clear. |
| 25 | 29·743 | 0·158 | 86·8 | 79·2 | 98·5 | 80·1 | 144·8 | 78·2 | 0·897 | 70 | 221 | S by E | 20 | ... | Fine. |
| 26 | 29·735 | 0·151 | 88·9 | 77·9 | 103·4 | 82·9 | 150·6 | 81·2 | 0·808 | 59 | 216 | S by E | 30 | ... | Fine with light clouds. |
| 27 | 29·723 | 0·143 | 89·0 | 74·2 | 103·6 | 79·5 | 150·6 | 76·0 | 0·647 | 47 | 185 | South | 0 | ... | Clear. |
| 28 | 29·663 | 0·182 | 90·2 | 73·6 | 105·5 | 77·0 | 152·6 | 75·0 | 0·606 | 43 | 164 | NW by N | 0 | ... | Do. |
| 29 | 29·696 | 0·136 | 87·8 | 76·4 | 96·6 | 80·3 | 141·4 | 75·4 | 0·757 | 57 | 255 | S by E | 8 | ... | Fine. |
| 30 | 29·762 | 0·122 | 85·7 | 79·6 | 91·7 | 81·6 | 138·6 | 78·2 | 0·930 | 76 | 265 | SE by S | 30 | ... | Fine with passing clouds. |
| Mean | 29·786 | 0·135 | 84·3 | 76·3 | 94·1 | 76·6 | 141·5 | 73·9 | 0·804 | 68 | 207 | S S E | 24 | *Nil.* | |

# Madras Meteorological Observations. 1870—May.

| May 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·766 | 0·154 | 87·2 | 79·2 | 94·1 | 82·4 | 137·7 | 80·6 | 0·891 | 69 | 252 | S by E | 38 | ... | Day fine: night cloudy. |
| 2 | 29·749 | 0·147 | 87·0 | 76·9 | 97·6 | 81·8 | 144·1 | 80·5 | 0·790 | 62 | 265 | S by E | 67 | ... | Hazy. |
| 3 | 29·723 | 0·112 | 88·1 | 77·1 | 103·3 | 80·5 | 146·4 | 78·9 | 0·783 | 59 | 228 | South | 43 | ... | Light clouds. |
| 4 | 29·699 | 0·129 | 88·3 | 77·6 | 101·0 | 82·2 | 145·6 | 80·6 | 0·805 | 60 | 226 | S by E | 10 | ... | Fine |
| 5 | 29·678 | 0·118 | 88·4 | 79·0 | 96·2 | 83·0 | 139·5 | 81·5 | 0·865 | 64 | 248 | S by E | 30 | ... | Fine with light haze. |
| 6 | 29·650 | 0·084 | 89·0 | 77·6 | 103·7 | 83·0 | 148·5 | 81·3 | 0·794 | 58 | 215 | South | 37 | ... | Light clouds. |
| 7 | 29·652 | 0·133 | 89·6 | 78·9 | 108·0 | 82·8 | 153·4 | 81·3 | 0·844 | 61 | 217 | S by E | 63 | ... | Passing clouds. |
| 8 | 29·601 | 0·162 | 89·1 | 76·9 | 99·2 | 83·9 | 147·8 | 81·9 | 0·761 | 56 | 190 | S by E | 77 | ... | Cloudy. |
| 9 | 29·557 | 0·116 | 93·0 | 76·5 | 108·9 | 86·0 | 153·3 | 84·9 | 0·691 | 45 | 240 | S S W | 47 | ... | Fine with light clouds. |
| 10 | 29·545 | 0·118 | 95·5 | 75·3 | 109·0 | 84·3 | 156·3 | 81·0 | 0·606 | 36 | 235 | West | 43 | ... | Fine with passing clouds. |
| 11 | 29·571 | 0·101 | 93·3 | 74·9 | 107·1 | 85·5 | 156·6 | 82·8 | 0·617 | 39 | 188 | S by W | 53 | ... | Hazy. |
| 12 | 29·619 | 0·071 | 90·2 | 75·2 | 110·6 | 83·6 | 159·6 | 81·1 | 0·673 | 47 | 267 | South | 53 | ... | Fine with light clouds. |
| 13 | 29·632 | 0·123 | 90·7 | 74·7 | 106·3 | 81·8 | 151·3 | 77·8 | 0·645 | 45 | 225 | S by W | 40 | ... | Hazy. |
| 14 | 29·635 | 0·126 | 89·9 | 76·2 | 104·1 | 82·2 | 144·8 | 80·3 | 0·720 | 51 | 240 | South | 57 | ... | Do. |
| 15 | 29·623 | 0·118 | 89·5 | 76·1 | 104·6 | 82·8 | 149·7 | 81·3 | 0·720 | 51 | 269 | S by W | 33 | ... | Fine with light clouds. |
| 16 | 29·665 | 0·090 | 88·1 | 77·0 | 103·7 | 83·1 | 148·8 | 79·5 | 0·779 | 59 | 305 | South | 53 | ... | Do. |
| 17 | 29·684 | 0·147 | 88·4 | 76·2 | 105·5 | 81·9 | 147·8 | 80·1 | 0·740 | 55 | 251 | South | 47 | ... | Do. |
| 18 | 29·674 | 0·147 | 89·3 | 77·8 | 105·5 | 83·2 | 149·7 | 82·1 | 0·799 | 58 | 303 | South | 53 | ... | Passing clouds: lg. S. W. |
| 19 | 29·683 | 0·119 | 88·6 | 77·2 | 102·5 | 82·6 | 146·6 | 80·7 | 0·781 | 57 | 296 | South | 22 | ... | Fine with light haze. |
| 20 | 29·714 | 0·113 | 87·7 | 77·4 | 97·1 | 82·3 | 140·0 | 80·5 | 0·802 | 61 | 244 | S S E | 67 | ... | Hazy. |
| 21 | 29·684 | 0·124 | 86·9 | 78·5 | 94·8 | 82·2 | 139·4 | 80·5 | 0·862 | 67 | 295 | S by E | 33 | ... | Day fine: night cloudy. |
| 22 | 29·689 | 0·108 | 89·9 | 75·9 | 100·3 | 81·9 | 144·2 | 79·7 | 0·707 | 50 | 283 | South | 30 | ... | Fine with light clouds. |
| 23 | 29·710 | 0·131 | 86·2 | 78·5 | 92·6 | 81·9 | 137·5 | 80·3 | 0·872 | 70 | 298 | S by E | 13 | ... | Fine. |
| 24 | 29·711 | 0·140 | 86·3 | 79·0 | 93·0 | 81·6 | 139·2 | 80·3 | 0·894 | 71 | 320 | S S E | 20 | ... | Fine with light clouds. |
| 25 | 29·738 | 0·139 | 86·3 | 78·1 | 93·2 | 81·3 | 137·4 | 80·1 | 0·852 | 68 | 301 | S by E | 10 | ... | Fine. |
| 26 | 29·751 | 0·137 | 85·9 | 77·2 | 92·6 | 81·3 | 140·5 | 80·4 | 0·816 | 65 | 314 | S by E | 7 | ... | Do. |
| 27 | 29·734 | 0·127 | 87·8 | 78·4 | 98·8 | 80·9 | 143·3 | 79·4 | 0·846 | 64 | 316 | S by E | 5 | ... | Fine: lg. W. |
| 28 | 29·714 | 0·160 | 88·7 | 77·1 | 103·8 | 81·2 | 148·4 | 79·9 | 0·776 | 57 | 324 | S by W | 53 | ... | Fine with light haze. |
| 29 | 29·685 | 0·163 | 88·8 | 74·6 | 104·3 | 84·0 | 154·7 | 82·3 | 0·665 | 49 | 267 | S S W | 43 | ... | Fine with light clouds. |
| 30 | 29·622 | 0·124 | 89·3 | 74·6 | 104·6 | 84·6 | 148·4 | 83·3 | 0·660 | 48 | 253 | S S W | 73 | ... | Cloudy. |
| 31 | 29·602 | 0·106 | 89·9 | 75·2 | 101·5 | 85·4 | 139·0 | 83·3 | 0·677 | 48 | 280 | S S W | 53 | ... | Passing clouds. |
| Mean | 29·669 | 0·125 | 88·9 | 76·9 | 101·5 | 82·7 | 146·4 | 80·9 | 0·766 | 56 | 264 | South | 41 | *Nil.* | |

# Madras Meteorological Observations. 1870—June.

| June 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·615 | 0·087 | 88·7 | 76·3 | 100·3 | 81·8 | 146·4 | 79·6 | 0·740 | 54 | 252 | S by W | 23 | ... | Fine. |
| 2 | 29·667 | 0·069 | 85·7 | 78·4 | 101·2 | 82·3 | 136·4 | 80·5 | 0·875 | 71 | 267 | S S E | 32 | ... | Fine with light clouds. |
| 3 | 29·668 | 0·123 | 85·2 | 78·8 | 92·3 | 79·2 | 136·6 | 77·0 | 0·900 | 74 | 253 | S by E | 30 | ... | Do. |
| 4 | 29·672 | 0·130 | 86·8 | 77·9 | 93·7 | 80·5 | 138·6 | 79·2 | 0·836 | 65 | 233 | South | 7 | ... | Fine. |
| 5 | 29·689 | 0·088 | 87·2 | 77·3 | 97·2 | 80·4 | 138·4 | 77·4 | 0·804 | 62 | 164 | S by E | 23 | ... | Fine with passing clouds. |
| 6 | 29·745 | 0·101 | 85·7 | 76·2 | 96·5 | 82·4 | 143·8 | 81·2 | 0·777 | 64 | 212 | South | 85 | ... | Cloudy. |
| 7 | 29·731 | 0·091 | 85·3 | 75·5 | 97·0 | 80·1 | 144·5 | 79·2 | 0·751 | 63 | 218 | SW by S | 70 | 0·04 | Light clouds. |
| 8 | 29·666 | 0·163 | 88·0 | 76·4 | 100·1 | 79·9 | 144·5 | 78·3 | 0·755 | 57 | 246 | SW by S | 57 | ... | Do. |
| 9 | 29·648 | 0·144 | 87·6 | 75·8 | 99·5 | 82·6 | 145·8 | 81·4 | 0·734 | 56 | 228 | S S W | 50 | ... | Fine with light clouds. |
| 10 | 29·684 | 0·098 | 88·0 | 76·0 | 96·5 | 83·5 | 139·9 | 82·4 | 0·737 | 56 | 192 | S S E | 70 | ... | Hazy. |
| 11 | 29·679 | 0·119 | 88·2 | 76·9 | 96·8 | 82·9 | 145·4 | 80·9 | 0 773 | 58 | 144 | SE by S | 75 | ... | Cloudy. |
| 12 | 29·668 | 0·152 | 81·6 | 76·3 | 93·9 | 71·1 | 136·3 | 72·9 | 0·836 | 77 | 191 | South | 73 | 3·01 | Cloudy : thunderstorm. |
| 13 | 29·683 | 0·120 | 82·0 | 77·8 | 89·8 | 75·1 | 134·4 | 74·3 | 0·897 | 82 | 120 | S by E | 63 | 3·35 | Cloudy : rain : lg. N. W. |
| 14 | 29·661 | 0·116 | 81·6 | 76·2 | 90·7 | 77·4 | 137·9 | 76·2 | 0 832 | 77 | 203 | South | 80 | 0·34 | Cloudy : rain. |
| 15 | 29·617 | 0·151 | 85·5 | 77·8 | 97·6 | 74·3 | 137·8 | 73·2 | 0·850 | 69 | 173 | S by W | 68 | 0·02 | Passing clouds. |
| 16 | 29·635 | 0·142 | 86·6 | 74·1 | 95·2 | 80·4 | 133·3 | 77·1 | 0·675 | 53 | 285 | W S W | 83 | ... | Cloudy. |
| 17 | 29·611 | 0·121 | 87·9 | 74·6 | 95·2 | 80·2 | 146·2 | 77·9 | 0·679 | 51 | 280 | SWbyW | 90 | ... | Do. |
| 18 | 29·640 | 0·086 | 83·0 | 74·8 | 87·9 | 82·1 | 112·8 | 80·3 | 0·753 | 66 | 230 | SWbyW | 100 | ... | Overcast. |
| 19 | 29·648 | 0·106 | 83·5 | 73·8 | 89·0 | 78·7 | 113·9 | 75 7 | 0·704 | 61 | 242 | S W | 100 | ... | Do. |
| 20 | 29·685 | 0·121 | 86·9 | 73·9 | 96·6 | 79·2 | 141·7 | 78·1 | 0·663 | 52 | 282 | SWbyW | 97 | ... | Do. |
| 21 | 29·740 | 0·106 | 84·8 | 75·7 | 98·6 | 78·7 | 143·8 | 74·3 | 0·767 | 64 | 251 | S S W | 70 | ... | Passing clouds : lg. S. |
| 22 | 29·761 | 0·147 | 84·6 | 75·8 | 100·3 | 78·7 | 145·3 | 76·7 | 0·774 | 65 | 198 | S W | 57 | 0·17 | Passing clouds : th. and lg. |
| 23 | 29·777 | 0·121 | 84·6 | 76·4 | 96·3 | 79·5 | 142·4 | 76·8 | 0·800 | 67 | 212 | SW byS | 47 | 0·33 | Passing clouds : rain : lg. S. |
| 24 | 29·749 | 0·138 | 84·3 | 77·1 | 93·6 | 76·7 | 123·4 | 76·1 | 0·835 | 71 | 192 | S by W | 93 | 0·14 | Cloudy : rain. |
| 25 | 29·739 | 0·101 | 85·3 | 75·3 | 96·6 | 78·3 | 136·6 | 75·5 | 0·744 | 61 | 201 | S by W | 73 | ... | Hazy. |
| 26 | 29·754 | 0·105 | 84·3 | 74·7 | 93·6 | 81·9 | 119·1 | 79·1 | 0·732 | 62 | 167 | South | 90 | ... | Cloudy. |
| 27 | 29·729 | 0·117 | 85·3 | 77·2 | 92·5 | 79·4 | 127·0 | 77·8 | 0·826 | 68 | 143 | South | 88 | 0·10 | Cloudy : rain. |
| 28 | 29·706 | 0·082 | 81·1 | 75·9 | 86·8 | 76·6 | 102·2 | 74·6 | 0·825 | 78 | 150 | W by S | 98 | 0·10 | Overcast : rain. |
| 29 | 29·722 | 0·078 | 78·5 | 75·1 | 83·1 | 74·7 | 99·4 | 73·8 | 0·826 | 84 | 121 | West | 100 | 0·82 | Do. do. |
| 30 | 29·738 | 0·108 | 81·4 | 76·7 | 89·5 | 76·0 | 120·0 | 74·9 | 0·856 | 80 | 121 | S by W | 93 | 0·21 | Cloudy : rain. |
| Mean | 29·691 | 0·114 | 85·0 | 76·2 | 94·6 | 79·2 | 133·8 | 77·4 | 0·785 | 66 | 206 | S S W | 69 | 8·63 | |

## Madras Meteorological Observations. 1870—July.

| July 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·731 | 0·131 | 82·3 | 76·4 | 93·4 | 75·6 | 132·9 | 74·0 | 0·831 | 75 | 137 | W S W | 87 | 0·02 | Cloudy. |
| 2 | 29·710 | 0·136 | 83·7 | 76·3 | 93·7 | 78·5 | 126·1 | 75·7 | 0·808 | 69 | 136 | W S W | 83 | 0·02 | Do. |
| 3 | 29·692 | 0·090 | 83·0 | 74·9 | 90·1 | 78·1 | 116·8 | 74·2 | 0·758 | 67 | 154 | W by S | 73 | ... | Do. |
| 4 | 29·708 | 0·096 | 82·7 | 75·5 | 88·9 | 78·9 | 110·6 | 76·8 | 0·786 | 70 | 89 | W S W | 88 | ... | Do. |
| 5 | 29·711 | 0·080 | 82·5 | 75·1 | 91·3 | 78·8 | 122·4 | 75·8 | 0·772 | 69 | 132 | S W | 93 | ... | Do. |
| 6 | 29·675 | 0·127 | 83·8 | 75·1 | 93·8 | 76·4 | 143·1 | 74·7 | 0·755 | 64 | 198 | S W | 73 | ... | Do. |
| 7 | 29·663 | 0·116 | 84·5 | 75·8 | 94·9 | 78·5 | 139·8 | 75·2 | 0·775 | 65 | 206 | S S W | 73 | ... | Do. |
| 8 | 29·659 | 0·134 | 83·4 | 75·6 | 93·6 | 77·9 | 137·3 | 76·2 | 0·781 | 68 | 235 | SW by S | 65 | ... | Do. |
| 9 | 29·698 | 0·102 | 86·1 | 76·6 | 98·3 | 80·7 | 141·7 | 78·2 | 0·789 | 65 | 212 | S W | 70 | 0·06 | Do. |
| 10 | 29·734 | 0·117 | 79·9 | 75·3 | 85·4 | 74·6 | 117·2 | 73·5 | 0·817 | 80 | 259 | S W | 83 | 0·41 | Cloudy: rain. |
| 11 | 29·718 | 0·131 | 79·3 | 74·2 | 85·1 | 73·9 | 109·8 | 71·8 | 0·779 | 78 | 196 | SWbyW | 98 | ... | Overcast. |
| 12 | 29·669 | 0·126 | 84·1 | 74·7 | 95·2 | 76·4 | 137·0 | 74·6 | 0·734 | 62 | 242 | W by S | 92 | ... | Cloudy. |
| 13 | 29·672 | 0·120 | 82·9 | 74·9 | 93·4 | 76·7 | 136·7 | 75·2 | 0·759 | 67 | 254 | S W | 87 | ... | Do. |
| 14 | 29·675 | 0·101 | 83·8 | 74·8 | 90·3 | 78·0 | 117·1 | 76·1 | 0·742 | 64 | 192 | W S W | 95 | ... | Do. |
| 15 | 29·682 | 0·116 | 83·0 | 74·7 | 94·5 | 77·6 | 139·1 | 75·3 | 0·749 | 66 | 173 | W by S | 95 | 0·01 | Do. |
| 16 | 29·661 | 0·122 | 80·5 | 74·5 | 87·4 | 76·3 | 106·8 | 75·1 | 0·774 | 74 | 162 | W S W | 100 | 0·14 | Overcast : rain. |
| 17 | 29·675 | 0·119 | 83·8 | 74·5 | 95·2 | 76·0 | 138·0 | 74·1 | 0·730 | 63 | 166 | W by S | 68 | ... | Passing clouds. |
| 18 | 29·718 | 0·122 | 83·4 | 74·5 | 95·4 | 77·1 | 136·2 | 73·1 | 0·735 | 64 | 201 | W S W | 88 | 0·58 | Cloudy : rain. |
| 19 | 29·732 | 0·113 | 80·5 | 73·9 | 83·9 | 75·8 | 105·5 | 74·7 | 0·745 | 72 | 230 | SWbyW | 100 | ... | Overcast. |
| 20 | 29·724 | 0·125 | 83·9 | 75·6 | 93·5 | 76·8 | 140·0 | 73·8 | 0·775 | 67 | 195 | S W | 80 | 0·14 | Cloudy : rain. |
| 21 | 29·718 | 0·111 | 82·4 | 74·4 | 89·3 | 78·1 | 111·1 | 75·1 | 0·745 | 67 | 169 | S W | 100 | ... | Overcast. |
| 22 | 29·764 | 0·073 | 80·7 | 74·2 | 88·9 | 76·9 | 116·9 | 74·2 | 0·759 | 72 | 105 | West | 100 | 0·11 | Do. |
| 23 | 29·779 | 0·125 | 82·1 | 76·8 | 92·1 | 74·5 | 135·3 | 73·2 | 0·852 | 78 | 175 | S by W | 87 | ... | Cloudy. |
| 24 | 29·779 | 0·148 | 80·7 | 75·4 | 91·6 | 76·1 | 134·0 | 75·1 | 0·810 | 77 | 123 | West | 93 | 0·36 | Cloudy : rain. |
| 25 | 29·737 | 0·122 | 82·8 | 77·2 | 95·2 | 77·3 | 137·3 | 76·1 | 0·860 | 77 | 203 | S W | 77 | ... | Cloudy. |
| 26 | 29·723 | 0·136 | 82·8 | 74·0 | 96·2 | 77·1 | 133·0 | 74·2 | 0·722 | 64 | 235 | S W | 87 | 1·58 | Cloudy : thunderstorm. |
| 27 | 29·721 | 0·139 | 79·8 | 74·4 | 85·7 | 73·1 | 108·0 | 73·2 | 0·779 | 76 | 166 | SWbyW | 100 | 0·12 | Overcast : rain. |
| 28 | 29·730 | 0·120 | 80·6 | 73·2 | 89·0 | 74·3 | 128·4 | 72·1 | 0·719 | 68 | 194 | SWbyW | 100 | 0·12 | Do. do. |
| 29 | 29·692 | 0·118 | 82·9 | 74·8 | 94·0 | 77·1 | 137·2 | 72·1 | 0·755 | 67 | 225 | SWbyW | 78 | 0·04 | Cloudy : th. |
| 30 | 29·698 | 0·106 | 80·2 | 74·5 | 92·5 | 74·1 | 133·1 | 73·9 | 0·778 | 75 | 250 | S W | 73 | 1·86 | Cloudy : rain. |
| 31 | 29·734 | 0·099 | 81·1 | 75·8 | 89·1 | 75·0 | 130·2 | 73·1 | 0·822 | 77 | 160 | S S W | 85 | 0·13 | Do. do. |
| Mean | 29·709 | 0·117 | 82·4 | 75·1 | 91·6 | 76·7 | 127·7 | 74·5 | 0·774 | 70 | 186 | SWbyW | 86 | 5·70 | |

## Madras Meteorological Observations. 1870—August.

| August 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·779 | 0·142 | 82·2 | 74·2 | 91·7 | 76·6 | 132·6 | 73·1 | 0·739 | 67 | 172 | S W | 85 | ... | Cloudy. |
| 2 | 29·726 | 0·152 | 82·4 | 74·3 | 93·5 | 77·7 | 141·1 | 73·5 | 0·741 | 67 | 189 | SW by S | 58 | ... | Passing clouds. |
| 3 | 29·675 | 0·163 | 83·6 | 76·0 | 93·7 | 76·7 | 135·3 | 74·5 | 0·798 | 69 | 181 | South | 33 | 0·02 | Hazy. |
| 4 | 29·672 | 0·099 | 84·6 | 75·2 | 94·3 | 80·6 | 134·5 | 77·7 | 0·748 | 62 | 167 | S by W | 63 | ... | Do. |
| 5 | 29·694 | 0·133 | 82·0 | 76·9 | 91·3 | 74·5 | 137·0 | 73·6 | 0·858 | 79 | 169 | SW by W | 95 | 1·12 | Overcast with rain. |
| 6 | 29·737 | 0·179 | 79·4 | 75·2 | 82·6 | 74·7 | 102 0 | 73·1 | 0·819 | 81 | 100 | SWbyW | 100 | 0·81 | Do. |
| 7 | 29·737 | 0·143 | 80·6 | 76·4 | 87·2 | 76·0 | 128·1 | 74·3 | 0·856 | 81 | 147 | West | 80 | 0·16 | Cloudy with rain. |
| 8 | 29·767 | 0·083 | 79·6 | 75·7 | 87·2 | 73·1 | 137·5 | 72·9 | 0·838 | 82 | 93 | W by N | 90 | 1·14 | Do. |
| 9 | 29·751 | 0·122 | 80·5 | 76·0 | 87·1 | 74·9 | 137·8 | 74·4 | 0·838 | 80 | 106 | S by W | 37 | 0·08 | Fine with passing clouds. |
| 10 | 29·734 | 0·148 | 81·8 | 77·0 | 88·5 | 77·0 | 133·4 | 74·5 | 0·864 | 80 | 163 | S S E | 33 | ... | Do. |
| 11 | 29·748 | 0·112 | 82·1 | 77·4 | 87·1 | 78·5 | 132·0 | 76·4 | 0·878 | 80 | 209 | S S E | 30 | ... | Do. |
| 12 | 29·758 | 0·127 | 8·15 | 77·2 | 91·3 | 77·0 | 136·1 | 74·3 | 0·877 | 82 | 198 | S by E | 50 | 0·18 | Passing clouds: rain. |
| 13 | 29·738 | 0·126 | 81·1 | 76·6 | 92·3 | 76·0 | 136·6 | 73·6 | 0·856 | 81 | 223 | S by W | 43 | 0·43 | Do. do. |
| 14 | 29·715 | 0·125 | 81·5 | 74·2 | 87·1 | 75·0 | 124·9 | 74·1 | 0·749 | 70 | 236 | SWbyW | 93 | 0·02 | Cloudy. |
| 15 | 29·750 | 0·092 | 79·1 | 73·4 | 86·7 | 76·5 | 121·0 | 74·1 | 0·747 | 75 | 201 | S W | 100 | 0·29 | Overcast: rain. |
| 16 | 29·760 | 0·098 | 82·1 | 73·4 | 89·0 | 75·3 | 140·2 | 73·9 | 0·707 | 64 | 206 | W by S | 97 | ... | Do. |
| 17 | 29·728 | 0·107 | 82·9 | 74·5 | 89·8 | 77·1 | 130·9 | 75·7 | 0·741 | 65 | 178 | W N W | 95 | ... | Do. |
| 18 | 29·745 | 0·084 | 82·0 | 74·3 | 88·0 | 77·0 | 129·8 | 75·5 | 0·745 | 68 | 159 | W N W | 92 | ... | Cloudy. |
| 19 | 29·724 | 0·122 | 84·5 | 73·9 | 92·8 | 77·7 | 141·9 | 78·3 | 0·695 | 59 | 203 | West | 75 | ... | Do. |
| 20 | 29·742 | 0·142 | 83·3 | 74·6 | 90·2 | 79·3 | 143·7 | 77·1 | 0·741 | 65 | 163 | W by N | 57 | ... | Passing clouds. |
| 21 | 29·746 | 0·116 | 83·0 | 75·4 | 93·2 | 78·3 | 141·1 | 75·3 | 0·779 | 69 | 145 | S W | 53 | ... | Do. |
| 22 | 29·771 | 0·136 | 84·6 | 77·3 | 96·1 | 78·8 | 140·1 | 75·9 | 0·840 | 71 | 167 | S by E | 27 | ... | Fine with light clouds. |
| 23 | 29·778 | 0·133 | 84·3 | 77·4 | 92·8 | 78·3 | 136·1 | 74·9 | 0·847 | 72 | 132 | SE by S | 48 | ... | Passing clouds. |
| 24 | 29·790 | 0·127 | 83·8 | 76·8 | 93·9 | 77·2 | 136·0 | 74·3 | 0·828 | 72 | 158 | S by E | 67 | ... | Do. |
| 25 | 29·764 | 0·148 | 84·3 | 77·0 | 95·4 | 77·3 | 149·3 | 74·9 | 0·830 | 71 | 180 | S S E | 52 | ... | Light clouds. |
| 26 | 29·733 | 0·101 | 82·4 | 75·1 | 94·9 | 76·4 | 149·4 | 74·4 | 0·774 | 70 | 197 | South | 57 | 0·02 | Do. |
| 27 | 29·706 | 0·109 | 83·9 | 76·1 | 90·4 | 76·1 | 126·9 | 73·3 | 0·797 | 68 | 177 | South | 88 | ... | Cloudy. |
| 28 | 29·725 | 0·109 | 83·1 | 77·1 | 94·7 | 77·2 | 143·4 | 74·3 | 0·851 | 75 | 194 | S by W | 70 | 0·04 | Do. |
| 29 | 29·778 | 0·093 | 78·6 | 74·6 | 94·4 | 76·0 | 142·1 | 74·1 | 0·804 | 82 | 158 | S S W | 92 | 2·63 | Cloudy: rain. |
| 30 | 29·731 | 0·134 | 82·8 | 74·3 | 91·2 | 75·7 | 136·3 | 72·8 | 0·735 | 65 | 194 | S W | 67 | ... | Fine with light clouds. |
| 31 | 29·692 | 0·114 | 82·9 | 72·8 | 91·7 | 75·8 | 135·7 | 72·1 | 0·672 | 60 | 199 | West | 83 | ... | Cloudy. |
| Mean | 29·739 | 0·123 | 82·3 | 75·5 | 91·0 | 76·7 | 135·3 | 74·5 | 0·793 | 72 | 173 | SW by S | 68 | 6·94 | |

# Madras Meteorological Observations. 1870—September.

| September 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·711 | 0·095 | 82·8 | 74·2 | 93·8 | 77·3 | 139·1 | 74·2 | 0·731 | 65 | 170 | S W | 68 | ... | Light clouds. |
| 2 | 29·787 | 0·100 | 83·7 | 76·5 | 92·6 | 78·2 | 140·3 | 76·2 | 0·817 | 71 | 159 | South | 58 | 0·01 | Do. |
| 3 | 29·815 | 0·134 | 82·3 | 76·6 | 89·5 | 77·4 | 140·2 | 75·2 | 0·840 | 76 | 132 | S E | 50 | ... | Fine with passing clouds. |
| 4 | 29·788 | 0·165 | 82·4 | 77·2 | 88·5 | 77·3 | 137·3 | 74·4 | 0·865 | 78 | 160 | SE by S | 72 | 0·27 | Cloudy : rain. |
| 5 | 29·812 | 0·100 | 79·4 | 75·3 | 87·1 | 77·5 | 130·9 | 75·2 | 0·824 | 82 | 109 | SW by S | 70 | 1·37 | Thunderstorm. |
| 6 | 29·796 | 0·127 | 80·7 | 75·5 | 90·1 | 74·9 | 139·3 | 73·4 | 0·814 | 78 | 112 | South | 43 | ... | Passing clouds. |
| 7 | 29·816 | 0·125 | 82·9 | 76·6 | 88·1 | 77·7 | 137·3 | 74·4 | 0·833 | 74 | 123 | S E | 47 | ... | Do. |
| 8 | 29·809 | 0·126 | 81·3 | 75·5 | 89·4 | 76·7 | 134·2 | 73·6 | 0·806 | 76 | 143 | SE by S | 55 | ... | Passing clouds : th. and lg. |
| 9 | 29·797 | 0·102 | 81·4 | 75·9 | 92·5 | 75·7 | 143·0 | 73·3 | 0·822 | 77 | 170 | SW by S | 73 | 2·11 | Cloudy : rain : th. N.W. and S.W. |
| 10 | 29·791 | 0·121 | 83·4 | 76·6 | 93·0 | 75·9 | 135·6 | 74·6 | 0·825 | 72 | 158 | S W | 35 | ... | Fine with passing clouds. |
| 11 | 29·798 | 0·113 | 82·0 | 75·1 | 91·0 | 77·4 | 143·1 | 75·2 | 0·779 | 71 | 137 | W S W | 82 | ... | Cloudy. |
| 12 | 29·787 | 0·129 | 81·3 | 74·7 | 87·9 | 73·3 | 121·3 | 73·3 | 0·772 | 73 | 132 | West | 97 | ... | Overcast. |
| 13 | 29·766 | 0·143 | 76·1 | 74·5 | 78·5 | 74·9 | 97·3 | 74·4 | 0·834 | 93 | 105 | W N W | 100 | 1·12 | Overcast with rain. |
| 14 | 29·728 | 0·126 | 74·9 | 73·4 | 75·7 | 73·9 | 97·6 | 72·8 | 0·804 | 93 | 106 | W N W | 97 | 1·61 | Do. |
| 15 | 29·726 | 0·101 | 79·3 | 76·3 | 88·8 | 75·1 | 149·3 | 73·0 | 0·867 | 87 | 111 | W S W | 92 | 3·18 | Cloudy : rain : lg. |
| 16 | 29·742 | 0·103 | 80·2 | 77·3 | 85·6 | 74·9 | 107·4 | 73·8 | 0·900 | 87 | 93 | S S W | 85 | 1·59 | Do. do. do. |
| 17 | 29·737 | 0·102 | 78·4 | 75·5 | 85·5 | 74·5 | 120·8 | 73·3 | 0·845 | 87 | 128 | W S W | 88 | 0·78 | Do. do. do. |
| 18 | 29·738 | 0·124 | 79·7 | 76·1 | 85·1 | 75·6 | 107·1 | 74·4 | 0·854 | 85 | 84 | W by S | 97 | 0·03 | Overcast. |
| 19 | 29·706 | 0·128 | 79·9 | 76·0 | 85·4 | 76·8 | 118·6 | 75·0 | 0·846 | 82 | 120 | SWbyS | 100 | 0·42 | Overcast with rain. |
| 20 | 29·689 | 0·122 | 81·0 | 75·7 | 87·7 | 75·7 | 133·8 | 74·4 | 0·819 | 77 | 159 | S W | 78 | 0·07 | Cloudy : lg. |
| 21 | 29·718 | 0·147 | 82·1 | 76·1 | 90·7 | 75·8 | 136·3 | 72·2 | 0·821 | 75 | 218 | S by W | 33 | ... | Fine with passing clouds. |
| 22 | 29·753 | 0·151 | 82·3 | 76·4 | 91·3 | 76·7 | 137·4 | 74·3 | 0·831 | 75 | 218 | S by W | 50 | ... | Do. |
| 23 | 29·766 | 0·156 | 84·2 | 75·8 | 92·7 | 76·6 | 137·5 | 71·9 | 0·779 | 66 | 255 | S S W | 48 | ... | Do. |
| 24 | 29·769 | 0·152 | 83·7 | 75·9 | 92·3 | 78·7 | 137·6 | 75·6 | 0·791 | 68 | 151 | W S W | 63 | ... | Passing clouds. |
| 25 | 29·764 | 0·130 | 83·5 | 74·6 | 91·7 | 78·0 | 136·1 | 73·5 | 0·738 | 63 | 162 | W by S | 17 | ... | Fine. |
| 26 | 29·769 | 0·153 | 82·9 | 72·9 | 92·4 | 76·3 | 139·1 | 72·3 | 0·675 | 60 | 185 | W by S | 23 | ... | Light clouds. |
| 27 | 29·747 | 0·149 | 83·1 | 74·8 | 93·2 | 76·4 | 137·1 | 71·3 | 0·752 | 66 | 187 | West | 23 | ... | Do. |
| 28 | 29·729 | 0·144 | 83·5 | 73·8 | 90·7 | 77·2 | 134·9 | 72·2 | 0·704 | 61 | 161 | West | 92 | ... | Cloudy. |
| 29 | 29·749 | 0·116 | 82·1 | 75·8 | 89·4 | 76·9 | 127·0 | 74·8 | 0·808 | 74 | 100 | NW by W | 87 | 0·02 | Do. |
| 30 | 29·771 | 0·144 | 82·6 | 77·4 | 92·9 | 76·9 | 128·8 | 73·4 | 0·872 | 78 | 81 | SW by W | 83 | ... | Do. |
| Mean | 29·762 | 0·128 | 81·4 | 75·6 | 89·1 | 76·3 | 130·5 | 73·9 | 0·809 | 76 | 144 | S W | 67 | 12·58 | |

# Madras Meteorological Observations. 1870—October.

| October 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·801 | 0·121 | 83·7 | 77·6 | 95·0 | 78·1 | 147·8 | 74·6 | 0·866 | 75 | 130 | S S E | 33 | ... | Fine with light clouds. |
| 2 | 29·815 | 0·135 | 83·2 | 77·3 | 91·5 | 75·8 | 139·3 | 73·9 | 0·858 | 75 | 160 | S by E | 63 | ... | Passing clouds. |
| 3 | 29·852 | 0·111 | 82·0 | 77·1 | 92·5 | 77·8 | 140·1 | 76·2 | 0·866 | 79 | 183 | S by E | 55 | 0·23 | Passing clouds : rain. |
| 4 | 29·868 | 0·139 | 82·6 | 76·8 | 93·0 | 75·9 | 144·9 | 73·3 | 0·845 | 76 | 179 | S by E | 60 | ... | Cloudy : lg. |
| 5 | 29·849 | 0·150 | 79·4 | 74·8 | 88·2 | 71·1 | 136·7 | 70·1 | 0·802 | 80 | 136 | S W | 62 | 2·21 | Cloudy day ; rain. |
| 6 | 29·837 | 0·129 | 82·9 | 77·8 | 91·4 | 77·3 | 136·0 | 75·1 | 0·886 | 79 | 163 | S by W | 30 | ... | Fine with light clouds. |
| 7 | 29·859 | 0·131 | 82·4 | 77·5 | 89·0 | 75·9 | 135·3 | 73·1 | 0·879 | 79 | 163 | S S E | 13 | ... | Fine : lg. |
| 8 | 29·866 | 0·149 | 80·3 | 76·1 | 88·1 | 72·9 | 137·2 | 71·1 | 0·845 | 81 | 174 | South | 49 | 0·30 | Passing clouds : rain : lg. |
| 9 | 29·836 | 0·144 | 80·8 | 76·2 | 88·1 | 74·7 | 141·1 | 72·3 | 0·843 | 80 | 102 | South | 18 | ... | Fine. |
| 10 | 29·852 | 0·136 | 80·8 | 76·4 | 88·2 | 76·0 | 134·1 | 73·3 | 0·851 | 80 | 84 | S S E | 49 | ... | Fine with light clouds. |
| 11 | 29·871 | 0·155 | 82·3 | 77·2 | 90·0 | 76·0 | 149·2 | 72·6 | 0·867 | 79 | 88 | SE by E | 40 | 0·02 | Fine. |
| 12 | 29·847 | 0·126 | 81·7 | 76·3 | 91·2 | 75·1 | 140·3 | 71·0 | 0·835 | 77 | 98 | SE by E | 43 | ... | Fine with light clouds. |
| 13 | 29·793 | 0·152 | 82·3 | 77·0 | 92·4 | 76·2 | 141·1 | 72·9 | 0·851 | 76 | 104 | SE by E | 7 | ... | Fine. |
| 14 | 29·803 | 0·108 | 81·1 | 76·6 | 89·4 | 74·9 | 138·1 | 74·5 | 0·856 | 81 | 112 | SE by E | 53 | 1·35 | Cloudy : rain : lg. |
| 15 | 29·810 | 0·145 | 79·8 | 76·9 | 88·3 | 77·1 | 139·5 | 76·6 | 0·386 | 87 | 70 | NE by E | 43 | 0·09 | Cloudy : rain. |
| 16 | 29·816 | 0·129 | 81·7 | 77·1 | 88·8 | 76·1 | 139·8 | 74·4 | 0·870 | 81 | 102 | NE by E | 42 | ... | Fine with passing clouds. |
| 17 | 29·818 | 0·120 | 80·3 | 76·2 | 89·4 | 74·9 | 142·9 | 74·1 | 0·850 | 82 | 105 | N E | 63 | 0·38 | Cloudy : rain. |
| 18 | 29·807 | 0·148 | 75·9 | 74·1 | 82·3 | 72·3 | 128·9 | 72·7 | 0·820 | 92 | 122 | North | 93 | 3·80 | Overcast : heavy rain. |
| 19 | 29·762 | 0·144 | 74·5 | 73·5 | 77·2 | 74·1 | 97·3 | 73·3 | 0·814 | 95 | 175 | N W by N | 100 | 5·68 | Continuous rain. |
| 20 | 29·681 | 0·138 | 75·6 | 74·4 | 78·1 | 73·9 | 101·8 | 73·8 | 0·836 | 94 | 164 | North | 97 | 5·93 | Overcast with heavy rain. |
| 21 | 29·689 | 0·114 | 79·6 | 76·2 | 86·4 | 74·6 | 140·6 | 73·8 | 0·859 | 85 | 145 | SW by S | 87 | 0·02 | Chiefly overcast. |
| 22 | 29·699 | 0·149 | 80·6 | 77·2 | 86·7 | 75·5 | 139·9 | 75·2 | 0·889 | 85 | 150 | S S E | 90 | 0·79 | Overcast : thunderstorm. |
| 23 | 29·707 | 0·127 | 78·2 | 75·8 | 83·4 | 74·9 | 117·0 | 73·5 | 0·860 | 89 | 94 | SW by W | 98 | 0·96 | Overcast : rain. |
| 24 | 29·763 | 0·086 | 78·2 | 76·4 | 80·1 | 76·5 | 104·2 | 76·0 | 0·887 | 92 | 88 | S by W | 97 | 0·21 | Overcast : light rain. |
| 25 | 29·781 | 0·120 | 80·1 | 77·0 | 85·5 | 75·9 | 114·4 | 73·6 | 0·888 | 87 | 111 | S by E | 90 | ... | Cloudy. |
| 26 | 29·794 | 0·133 | 82·0 | 73·5 | 90·1 | 76·0 | 132·6 | 72·3 | 0·713 | 65 | 172 | S by W | 53 | ... | Light clouds. |
| 27 | 29·809 | 0·120 | 81·6 | 75·7 | 91·3 | 75·9 | 139·8 | 73·9 | 0·811 | 75 | 126 | S by E | 40 | ... | Fine with passing clouds : lg. |
| 28 | 29·856 | 0·110 | 79·7 | 75·1 | 87·8 | 75·0 | 137·4 | 74·0 | 0·811 | 80 | 105 | N W by W | 57 | 1·07 | Cloudy : rain. |
| 29 | 29·864 | 0·120 | 78·7 | 73·2 | 87·1 | 74·3 | 139·3 | 71·9 | 0·745 | 76 | 89 | N N W | 53 | ... | Fine with passing clouds. |
| 30 | 29·871 | 0·124 | 78·1 | 73·9 | 86·3 | 71·4 | 131·5 | 70·4 | 0·782 | 81 | 116 | N by W | 55 | ... | Light clouds. |
| 31 | 29·861 | 0·110 | 78·6 | 72·5 | 86·0 | 71·5 | 132·4 | 67·5 | 0·718 | 74 | 114 | N by W | 30 | ... | Fine with light clouds. |
| Mean | 29·811 | 0·129 | 80·3 | 75·9 | 87·8 | 75·1 | 133·4 | 73·3 | 0·838 | 81 | 127 | SW by S | 56 | 23·04 | |

## Madras Meteorological Observations. 1870—November.

| November 1870 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·849 | 0·126 | 78·8 | 74·1 | 84·5 | 72·5 | 139·7 | 69·7 | 0·781 | 79 | 90 | N by W | 53 | ... | Hazy. |
| 2 | 29·809 | 0·132 | 80·2 | 75·0 | 90·3 | 73·5 | 134·3 | 70·8 | 0·799 | 77 | 91 | E N E | 23 | ... | Fine. |
| 3 | 29·773 | 0·136 | 82·2 | 76·8 | 91·3 | 76·1 | 136·9 | 74·4 | 0·851 | 77 | 108 | S E | 67 | ... | Cloudy. |
| 4 | 29·742 | 0·137 | 81·4 | 76·0 | 87·7 | 75·9 | 142·0 | 74·0 | 0·826 | 77 | 127 | W by S | 80 | ... | Do. |
| 5 | 29·742 | 0·125 | 81·7 | 73·9 | 91·4 | 74·4 | 136·2 | 70·3 | 0·733 | 68 | 145 | S W | 33 | ... | Fine with light clouds. |
| 6 | 29·813 | 0·100 | 80·8 | 76·5 | 87·7 | 76·2 | 136·5 | 73·1 | 0·856 | 82 | 127 | SE by S | 63 | ... | Passing clouds. |
| 7 | 29·857 | 0·104 | 81·2 | 76·6 | 88·0 | 75·3 | 133·7 | 76·2 | 0·855 | 81 | 92 | E S E | 70 | 0·04 | Cloudy. |
| 8 | 29·910 | 0·105 | 82·0 | 77·0 | 87·9 | 76·3 | 134·1 | 75·6 | 0·862 | 79 | 133 | NE by E | 47 | 0·13 | Fine with passing clouds: rain. |
| 9 | 29·955 | 0·096 | 82·1 | 75·7 | 88·4 | 76·2 | 138·7 | 74·2 | 0·803 | 73 | 187 | NE by N | 43 | ... | Fine with passing clouds. |
| 10 | 29·954 | 0·153 | 76·6 | 75·1 | 77·9 | 75·1 | 89·1 | 73·4 | 0·852 | 93 | 78 | North | 90 | 0·41 | Nearly overcast: frequent showers. |
| 11 | 29·921 | 0·132 | 81·2 | 77·1 | 87·6 | 75·2 | 139·9 | 74·8 | 0·877 | 83 | 125 | N E | 57 | 0·09 | Passing clouds: showers. |
| 12 | 29·939 | 0·100 | 81·2 | 76·6 | 88·1 | 74·9 | 135·1 | 74·7 | 0·855 | 81 | 155 | NE by N | 50 | 0·10 | Do. do. |
| 13 | 29·924 | 0·124 | 80·4 | 75·4 | 86·4 | 78·7 | 135·2 | 74·5 | 0·814 | 78 | 234 | NE by N | 47 | 0·44 | Passing clouds: rain. |
| 14 | 29·930 | 0·111 | 75·0 | 73·9 | 77·1 | 74·1 | 88·1 | 74·1 | 0·824 | 95 | 121 | E N E | 87 | 1·54 | Chiefly overcast: rain. |
| 15 | 29·941 | 0·119 | 76·6 | 74·1 | 84·7 | 70·3 | 143·6 | 70·1 | 0·810 | 88 | 129 | N by E | 78 | 1·28 | Cloudy: rain. |
| 16 | 29·958 | 0·109 | 78·3 | 74·5 | 86·2 | 73·1 | 138·6 | 71·7 | 0·803 | 83 | 116 | North | 27 | 0·02 | Fine with passing clouds. |
| 17 | 29·968 | 0·121 | 78·1 | 74·6 | 86·5 | 74·0 | 135·7 | 73·4 | 0·811 | 84 | 171 | N by E | 58 | 0·37 | Passing clouds: rain. |
| 18 | 29·954 | 0·143 | 79·0 | 74·5 | 86·0 | 73·2 | 135·4 | 71·4 | 0·795 | 80 | 150 | N E | 62 | 0·08 | Do. do. |
| 19 | 29·997 | 0·105 | 78·6 | 74·1 | 85·8 | 74·0 | 135·9 | 70·3 | 0·783 | 80 | 155 | N N E | 25 | ... | Fine with passing clouds. |
| 20 | 30·037 | 0·114 | 78·0 | 73·7 | 86 7 | 72·8 | 138·4 | 70·1 | 0·775 | 81 | 126 | N N E | 27 | ... | Do. |
| 21 | 30·034 | 0·117 | 78·5 | 74·5 | 87·0 | 73·2 | 138·1 | 69·4 | 0·802 | 82 | 138 | NE by N | 60 | 0·14 | Passing clouds: showers. |
| 22 | 29·961 | 0·161 | 78·4 | 74·3 | 86·4 | 72·2 | 139·2 | 70·5 | 0·815 | 84 | 140 | N by E | 67 | 2·05 | Passing clouds: rain. |
| 23 | 29·932 | 0·121 | 79·8 | 75·0 | 86·0 | 74·4 | 133·5 | 73·1 | 0·805 | 79 | 109 | N E | 33 | 0·02 | Fine with passing clouds. |
| 24 | 30·005 | 0·089 | 79·0 | 73·4 | 85·9 | 72·3 | 132·2 | 68·6 | 0·749 | 76 | 87 | East | 37 | ... | Passing clouds. |
| 25 | 30·019 | 0·111 | 79·1 | 72·8 | 86·1 | 72·9 | 134·4 | 69·3 | 0·723 | 73 | 148 | NE by N | 50 | 0·23 | Passing clouds: rain. |
| 26 | 30·026 | 0·114 | 77·0 | 70·7 | 86·5 | 70·0 | 136·4 | 66·1 | 0·668 | 72 | 144 | N N E | 25 | ... | Fine with light clouds. |
| 27 | 30·007 | 0·107 | 76·3 | 70·1 | 84·5 | 70·8 | 139·1 | 66·2 | 0·654 | 72 | 182 | N by E | 43 | ... | Fine with passing clouds. |
| 28 | 29·995 | 0·109 | 76·4 | 68·5 | 84·7 | 71·0 | 135·4 | 68·3 | 0·592 | 65 | 181 | N by E | 40 | ... | Do. |
| 29 | 29·981 | 0·090 | 77·0 | 70·8 | 85·1 | 71·1 | 141·4 | 66·1 | 0·671 | 72 | 209 | North | 57 | ... | Light clouds. |
| 30 | 29·980 | 0·092 | 75·7 | 73·0 | 77·7 | 73·0 | 88·5 | 69·9 | 0·777 | 87 | 199 | North | 93 | 0·32 | Overcast with showers. |
| Mean | 29·930 | 0·117 | 79·0 | 74·3 | 86·0 | 73·8 | 132·2 | 71·5 | 0·787 | 79 | 140 | N E | 53 | 7·26 | |

# Madras Meteorological Observations. 1870—December.

| December 1870 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·015 | 0·076 | 76·9 | 74·1 | 85·4 | 74·9 | 140·8 | 71·2 | 0·806 | 87 | 209 | N N E | 90 | 1·27 | Overcast. |
| 2 | 30·032 | 0·106 | 78·7 | 72·6 | 84·8 | 73·9 | 131·0 | 73·0 | 0·721 | 74 | 241 | N N E | 60 | 0·02 | Passing clouds. |
| 3 | 30·060 | 0·103 | 77·9 | 71·0 | 85·2 | 70·7 | 134·0 | 66·5 | 0·667 | 70 | 209 | N N E | 40 | ... | Fine with passing clouds. |
| 4 | 30·064 | 0·110 | 76·9 | 69·8 | 84·8 | 69·9 | 134·0 | 66·0 | 0·635 | 69 | 220 | NE by N | 33 | ... | Do. |
| 5 | 30·044 | 0·124 | 73·6 | 69·0 | 84·9 | 68·3 | 139·8 | 63·3 | 0·649 | 78 | 151 | N N E | 53 | ... | Passing clouds. |
| 6 | 30·029 | 0·109 | 74·9 | 69·3 | 84·2 | 67·9 | 131·2 | 63·2 | 0·643 | 74 | 174 | N by E | 27 | ... | Fine with light clouds. |
| 7 | 30·050 | 0·106 | 74·7 | 66·9 | 83·7 | 66·0 | 136·6 | 60·6 | 0·557 | 65 | 192 | N by E | 27 | ... | Do. |
| 8 | 30·044 | 0·102 | 72·8 | 68·1 | 75·9 | 67·2 | 101·1 | 61·6 | 0·625 | 77 | 176 | N by W | 80 | ... | Cloudy. |
| 9 | 30·041 | 0·097 | 74·5 | 69·6 | 83·5 | 72·3 | 137·6 | 70·0 | 0·658 | 77 | 252 | N by W | 97 | ... | Overcast. |
| 10 | 30·045 | 0·096 | 74·6 | 69·4 | 81·5 | 71·9 | 124·9 | 70·2 | 0·650 | 75 | 202 | N by W | 65 | 0·04 | Cloudy day: fine night. |
| 11 | 30·031 | 0·135 | 73·9 | 67·9 | 83·3 | 67·0 | 131·6 | 61·2 | 0·604 | 72 | 186 | N N W | 33 | ... | Fine with light clouds. |
| 12 | 29·986 | 0·121 | 74·3 | 69·4 | 81·7 | 68·3 | 135·6 | 63·2 | 0·654 | 76 | 172 | N N W | 50 | ... | Fine with passing clouds. |
| 13 | 30·002 | 0·110 | 72·7 | 67·9 | 82·8 | 67·8 | 131·7 | 63·3 | 0·620 | 77 | 140 | N by W | 55 | ... | Passing clouds. |
| 14 | 30·024 | 0·088 | 75·0 | 69·0 | 84·8 | 66·9 | 139·5 | 62·0 | 0·630 | 72 | 188 | N by W | 70 | ... | Do. |
| 15 | 30·020 | 0·123 | 75·4 | 69·1 | 83·7 | 69·9 | 133·0 | 64·7 | 0·628 | 71 | 211 | North | 50 | ... | Do. |
| 16 | 29·990 | 0·111 | 75·3 | 69·9 | 85·4 | 66·8 | 143·8 | 60·8 | 0·660 | 75 | 195 | N by W | 47 | ... | Fine with passing clouds. |
| 17 | 29·961 | 0·139 | 75·4 | 69·9 | 84·1 | 68·4 | 137·2 | 62·9 | 0·659 | 75 | 214 | N by W | 33 | ... | Do. |
| 18 | 29·970 | 0·091 | 74·0 | 68·3 | 82·2 | 68·8 | 135·0 | 63·9 | 0·617 | 73 | 222 | N N W | 33 | ... | Do. |
| 19 | 29·968 | 0·130 | 72·5 | 66·1 | 82·6 | 65·0 | 137·3 | 57·9 | 0·557 | 69 | 204 | N by W | 30 | ... | Fine with light clouds. |
| 20 | 29·930 | 0·142 | 72·4 | 65·7 | 83·2 | 66·5 | 138·3 | 61·2 | 0·544 | 67 | 167 | N N W | 53 | ... | Passing clouds. |
| 21 | 29·889 | 0·122 | 70·0 | 63·3 | 82·5 | 62·3 | 135·4 | 56·2 | 0·494 | 67 | 105 | North | 33 | ... | Fine with light clouds. |
| 22 | 29·943 | 0·092 | 69·8 | 63·3 | 81·8 | 59·1 | 133·0 | 53·8 | 0·496 | 68 | 104 | North | 37 | ... | Fine with passing clouds. |
| 23 | 29·981 | 0·108 | 73·1 | 67·1 | 83·8 | 63·9 | 139·2 | 61·1 | 0·585 | 72 | 181 | N N W | 58 | ... | Passing clouds. |
| 24 | 29·994 | 0·093 | 76·5 | 68·9 | 84·7 | 70·6 | 138·5 | 66·4 | 0·606 | 66 | 292 | N by W | 63 | ... | Do. |
| 25 | 29·974 | 0·108 | 75·9 | 68·2 | 84·8 | 70·7 | 141·6 | 65·2 | 0·588 | 65 | 246 | North | 40 | ... | Do. |
| 26 | 29·937 | 0·120 | 74·3 | 68·3 | 84·1 | 65·7 | 134·9 | 60·4 | 0·613 | 72 | 187 | North | 20 | ... | Chiefly fine. |
| 27 | 29·936 | 0·090 | 74·5 | 68·9 | 81·2 | 66·5 | 134·0 | 61·2 | 0·633 | 74 | 232 | N N W | 60 | ... | Chiefly cloudy. |
| 28 | 29·959 | 0·099 | 74·4 | 71·8 | 79·9 | 73·9 | 101·1 | 70·9 | 0·747 | 88 | 184 | N by W | 100 | 0·30 | Overcast with light showers. |
| 29 | 29·962 | 0·110 | 74·9 | 70·7 | 79·2 | 73·1 | 98·2 | 71·4 | 0·696 | 80 | 173 | N by W | 98 | ... | Overcast. |
| 30 | 29·933 | 0·125 | 74·0 | 69·7 | 82·9 | 68·4 | 134·2 | 66·0 | 0·670 | 80 | 174 | N by W | 88 | ... | Cloudy. |
| 31 | 29·917 | 0·124 | 75·3 | 70·8 | 85·2 | 68·7 | 133·1 | 64·7 | 0·695 | 79 | 152 | N by W | 60 | ... | Passing clouds. |
| Mean | 29·991 | 0·110 | 74·5 | 68·8 | 83·2 | 68·4 | 132·2 | 64·0 | 0·632 | 74 | 192 | North | 54 | 1·63 | |

## Madras Mean Monthly and Annual Meteorological Results in 1870.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·896 | 0·114 | 75·7 | 83·7 | 70·0 | 13·7 | 70·5 | 67·0 | 0·683 | 77 | 132·4 | 65·8 | 175 | 2 | N N E | 6·55 | 6 | 44 |
| February | 29·911 | 0·123 | 75·9 | 86·2 | 66·8 | 19·4 | 69·5 | 65·2 | 0·640 | 71 | 136·2 | 61·5 | 140 | 3 | N E by N | 0·05 | 2 | 79 |
| March | 29·876 | 0·121 | 79·1 | 87·9 | 71·2 | 16·7 | 73·3 | 70·1 | 0·746 | 75 | 137·1 | 68·6 | 132 | 10 | E S E | 1·72 | 1 | 75 |
| April | 29·786 | 0·135 | 84·3 | 94·1 | 76·6 | 17·5 | 76·3 | 73·7 | 0·804 | 68 | 141·5 | 73·9 | 207 | 14 | S S E | ... | ... | 76 |
| May | 29·669 | 0·125 | 88·9 | 101·5 | 82·7 | 18·8 | 76·9 | 73·6 | 0·766 | 56 | 146·4 | 80·9 | 264 | 16 | South | ... | ... | 59 |
| June | 29·691 | 0·114 | 85·0 | 94·6 | 79·2 | 15·4 | 76·2 | 73·3 | 0·785 | 66 | 133·8 | 77·4 | 206 | 18 | S S W | 8·63 | 12 | 31 |
| July | 29·709 | 0·117 | 82·4 | 91·6 | 76·7 | 14·9 | 75·1 | 72·5 | 0·774 | 70 | 127·7 | 74·5 | 186 | 21 | S W by W | 5·70 | 16 | 14 |
| August | 29·739 | 0·123 | 82·3 | 91·0 | 76·7 | 14·3 | 75·5 | 72·7 | 0·793 | 72 | 135·3 | 74·5 | 173 | 19 | S W by S | 6·94 | 13 | 32 |
| September | 29·762 | 0·128 | 81·4 | 89·1 | 76·3 | 12·8 | 75·6 | 72·9 | 0·809 | 76 | 130·5 | 73·9 | 144 | 20 | S W | 12·58 | 13 | 33 |
| October | 29·811 | 0·129 | 80·3 | 87·8 | 75·1 | 12·7 | 75·9 | 73·2 | 0·838 | 81 | 133·4 | 73·3 | 127 | 19 | S W by S | 23·04 | 15 | 44 |
| November | 29·930 | 0·117 | 79·0 | 86·0 | 73·8 | 12·2 | 74·3 | 71·9 | 0·787 | 79 | 132·2 | 71·5 | 140 | 4 | N E | 7·26 | 16 | 47 |
| December | 29·991 | 0·110 | 74·5 | 83·2 | 68·4 | 14·8 | 68·8 | 66·2 | 0·632 | 74 | 132·2 | 64·0 | 192 | 0 | North | 1·63 | 4 | 46 |
| Annual | 29·814 | 0·121 | 80·7 | 89·7 | 74·5 | 15·3 | 74·0 | 71·1 | 0·755 | 72 | 134·9 | 71·7 | 174 | 12 | S E | 74·10 | 98 | 48 |

## Madras Extreme Monthly Meteorological Records in 1870.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·080 | 29 | 29·682 | 15 | 0·398 | 86·8 | 6 | 62·4 | 13 | 58·1 | 13 | 36 | 13 | 144·2 | 14 | 57·9 | 13 | 419 | 15 | 57 | 19 | 4·81 | 15 |
| February | 30·068 | 19 | 29·782 | 6 | 0·286 | 88·7 | 14 | 60·7 | 6 | 60·1 | 6 | 44 | 5 | 142·5 | 9 | 53·0 | 6 | 304 | 28 | 56 | 6 | 0·04 | 28 |
| March | 30·014 | 1 | 29·712 | 31 | 0·302 | 91·3 | 29 | 66·7 | 12 | 66·0 | 12 | 52 | 30 | 143·7 | 19 | 63·1 | 12 | 221 | 17 | 64 | 3 | 1·72 | 1 |
| April | 29·936 | 3 | 29·589 | 28 | 0·347 | 105·5 | 28 | 71·4 | 5 | 69·4 | 6 | 25 | 27 | 152·6 | 28 | 67·0 | 5 | 309 | 10 | 121 | 4 | ... | ... |
| May | 29·828 | 1 | 29·484 | 10 | 0·344 | 110·6 | 12 | 80·5 | 3 | 67·8 | 12 | 17 | 10 | 159·6 | 12 | 77·8 | 13 | 324 | 28 | 188 | 11 | ... | ... |
| June | 29·826 | 23 | 29·543 | 15 | 0·283 | 101·2 | 2 | 71·1 | 12 | 70·4 | 12 | 35 | 1 | 146·4 | 1 | 72·9 | 12 | 285 | 16 | 120 | 13 | 3·35 | 13 |
| July | 29·837 | 24 | 29·583 | 8 | 0·254 | 98·3 | 9 | 73·1 | 27 | 70·3 | 29 | 44 | 26 | 143·1 | 6 | 71·8 | 11 | 259 | 10 | 89 | 4 | 1·86 | 30 |
| August | 29·845 | 1 | 29·597 | 3 | 0·248 | 96·1 | 22 | 73·1 | 8 | 69·7 | 16 | 43 | 31 | 149·4 | 26 | 72·1 | 31 | 236 | 14 | 93 | 8 | 2·63 | 29 |
| September | 29·873 | 3 | 29·630 | 20 | 0·243 | 93·8 | 1 | 73·3 | 12 | 70·2 | 1 | 40 | 26 | 143·1 | 11 | 71·3 | 27 | 255 | 23 | 81 | 30 | 3·18 | 15 |
| October | 29·946 | 11 | 29·623 | 20 | 0·323 | 95·0 | 1 | 71·1 | 5 | 69·3 | 5 | 50 | 26 | 147·8 | 1 | 67·5 | 31 | 183 | 3 | 70 | 15 | 5·93 | 20 |
| November | 30·094 | 21 | 29·670 | 5 | 0·424 | 91·4 | 5 | 70·0 | 26 | 64·7 | 28 | 45 | 5 | 143·6 | 15 | 66·1 | 29 | 234 | 13 | 78 | 10 | 2·05 | 22 |
| December | 30·121 | 4 | 29·834 | 21 | 0·287 | 85·4 | 1 | 59·1 | 22 | 58·1 | 22 | 51 | 20 | 143·8 | 16 | 53·8 | 22 | 292 | 24 | 104 | 22 | 1·27 | 1 |

# Madras Meteorological Observations. 1871—January.

| January 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·911 | 0·096 | 76·8 | 71·1 | 84·6 | 68·8 | 135·0 | 65·0 | 0·686 | 74 | 208 | N by W | 72 | ... | Passing clouds. |
| 2 | 29·962 | 0·106 | 75·4 | 70·7 | 83·7 | 70·2 | 132·2 | 67·2 | 0·690 | 78 | 160 | N by W | 63 | ... | Do. |
| 3 | 29·973 | 0·135 | 76·2 | 70·6 | 85·3 | 69·4 | 136·0 | 64·2 | 0·675 | 75 | 141 | North | 63 | ... | Do. |
| 4 | 29·956 | 0·145 | 74·4 | 70·0 | 84·9 | 65·8 | 134·9 | 58·9 | 0·675 | 79 | 127 | North | 35 | ... | Fine with light clouds. |
| 5 | 29·9[illegible]7 | 0·104 | 71·1 | 69·9 | 86·1 | 68·8 | 138·1 | 63·2 | 0·677 | 89 | 120 | North | 47 | ... | Fine with passing clouds. |
| 6 | 29·907 | 0·110 | 76·5 | 70·8 | 85·0 | 70·0 | 135·3 | 65·0 | 0·678 | 74 | 210 | N by W | 47 | ... | Fine with light clouds. |
| 7 | 29·942 | 0·089 | 75·0 | 68·9 | 84·7 | 67·0 | 134·4 | 60·0 | 0·627 | 72 | 180 | N by W | 72 | ... | Chiefly cloudy. |
| 8 | 29·937 | 0·099 | 71·6 | 69·5 | 83·4 | 69·2 | 131·9 | 66·2 | 0·655 | 77 | 228 | NWbyN | 77 | ... | Cloudy. |
| 9 | 29·922 | 0·144 | 75·5 | 69·3 | 81·6 | 70·0 | 115·6 | 67·5 | 0·634 | 72 | 217 | N N W | 95 | ... | Do. |
| 10 | 29·909 | 0·160 | 74·9 | 69·3 | 82·8 | 67·1 | 122·6 | 60·7 | 0·643 | 74 | 210 | North | 93 | ... | Do. |
| 11 | 29·905 | 0·135 | 76·8 | 70·9 | 83·7 | 73·7 | 121·0 | 69·7 | 0·678 | 73 | 210 | North | 90 | ... | Do. |
| 12 | 29·908 | 0·107 | 76·6 | 70·7 | 85·4 | 71·2 | 136·2 | 64·9 | 0·673 | 73 | 219 | North | 55 | ... | Passing clouds. |
| 13 | 29·926 | 0·098 | 75·7 | 70·1 | 84·8 | 68·6 | 140·0 | 63·7 | 0·663 | 75 | 200 | North | 50 | ... | Fine with passing clouds. |
| 14 | 29·914 | 0·101 | 76·5 | 71·9 | 85·3 | 68·1 | 137·2 | 62·4 | 0·722 | 79 | 199 | N by E | 30 | ... | Do. |
| 15 | 29·897 | 0·130 | 78·4 | 72·1 | 86·1 | 75·1 | 136·8 | 73·2 | 0·705 | 73 | 234 | NE byN | 23 | ... | Do. |
| 16 | 29·894 | 0·101 | 76·1 | 72·7 | 84·6 | 70·8 | 140·1 | 66·3 | 0·759 | 84 | 110 | E N E | 73 | 0·10 | Cloudy, with light showers. |
| 17 | 29·889 | 0·136 | 78·5 | 74·5 | 85·3 | 74·0 | 139·9 | 72·3 | 0·802 | 82 | 103 | E by S | 60 | 0·05 | Cloudy day: fine night. |
| 18 | 29·956 | 0·107 | 79·8 | 75·1 | 87·2 | 72·5 | 139·5 | 68·1 | 0·809 | 79 | 154 | NE byE | 30 | ... | Fine with passing clouds. |
| 19 | 30·005 | 0·122 | 77·7 | 72·9 | 85·8 | 72·2 | 131·1 | 70·5 | 0·746 | 79 | 177 | N by W | 43 | 0·29 | Fine with passing clouds: rain. |
| 20 | 29·967 | 0·144 | 77·2 | 72·8 | 85·7 | 69·8 | 139·7 | 65·2 | 0·748 | 80 | 167 | N by W | 23 | ... | Fine with passing clouds. |
| 21 | 29·967 | 0·113 | 75·7 | 69·3 | 85·7 | 68·0 | 134·7 | 61·5 | 0·631 | 71 | 127 | North | 20 | ... | Fine. |
| 22 | 29·993 | 0·113 | 76·0 | 68·0 | 83·8 | 67·5 | 136·5 | 61·3 | 0·579 | 64 | 150 | North | 33 | ... | Fine with passing clouds. |
| 23 | 29·999 | 0·115 | 74·7 | 66·0 | 83·3 | 70·0 | 135·6 | 65·7 | 0·524 | 60 | 144 | N by E | 37 | ... | Do. |
| 24 | 29·985 | 0·144 | 72·3 | 66·1 | 83·9 | 64·4 | 134·3 | 58·1 | 0·569 | 70 | 140 | N by W | 43 | ... | Do. |
| 25 | 29·993 | 0·115 | 75·4 | 68·7 | 84·0 | 67·5 | 132·1 | 61·7 | 0·613 | 70 | 198 | N by W | 50 | ... | Do. |
| 26 | 30·048 | 0·104 | 75·3 | 70·1 | 84·9 | 70·5 | 141·6 | 67·3 | 0·668 | 76 | 163 | N N W | 82 | ... | Cloudy. |
| 27 | 30·051 | 0·112 | 76·1 | 69·7 | 85·7 | 70·3 | 134·0 | 66·4 | 0·641 | 71 | 153 | N by W | 0 | ... | Clear. |
| 28 | 30·041 | 0·119 | 73·5 | 66·7 | 84·7 | 64·2 | 133·9 | 57·5 | 0·565 | 69 | 108 | N N E | 0 | ... | Do. |
| 29 | 30·026 | 0·133 | 73·1 | 65·8 | 84·2 | 66·5 | 133·1 | 60·3 | 0·539 | 66 | 86 | NE byN | 3 | ... | Fine. |
| 30 | 30·022 | 0·122 | 72·3 | 66·0 | 83·3 | 62·2 | 132·3 | 55·8 | 0·556 | 70 | 90 | NE byE | 3 | ... | Do. |
| 31 | 30·041 | 0·118 | 72·7 | 65·6 | 83·1 | 63·4 | 136·3 | 57·2 | 0·537 | 67 | 95 | N E | 27 | ... | Fine with passing clouds. |
| Mean | 29·960 | 0·119 | 75·6 | 69·9 | 84·6 | 68·9 | 134·3 | 64·1 | 0·657 | 74 | 162 | N by E | 46 | 0·44 | |

# Madras Meteorological Observations. 1871—February.

| February 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·025 | 0·144 | 74·3 | 67·6 | 86·3 | 64·5 | 133·9 | 58·8 | 0·587 | 69 | 131 | N by E | 7 | ... | Fine. |
| 2 | 30·003 | 0·128 | 75·7 | 69·5 | 86·6 | 64·8 | 135·8 | 58·9 | 0·639 | 72 | 147 | North | 23 | ... | Fine with passing clouds. |
| 3 | 29·987 | 0·108 | 73·6 | 68·6 | 86·1 | 64·0 | 134·0 | 56·4 | 0·633 | 76 | 90 | N N E | 33 | ... | Fine with light clouds. |
| 4 | 29·959 | 0·133 | 73·4 | 67·9 | 90·2 | 63·4 | 138·7 | 55·9 | 0·611 | 74 | 100 | E by N | 3 | ... | Fiae. |
| 5 | 29·924 | 0·140 | 74·2 | 69·3 | 90·5 | 64·0 | 138·1 | 57·1 | 0·651 | 76 | 106 | E S E | 0 | ... | Clear. |
| 6 | 29·895 | 0·136 | 72·9 | 68·2 | 87·5 | 62·6 | 135·9 | 55·4 | 0·628 | 77 | 111 | SE by E | 2 | ... | Fine. |
| 7 | 29·897 | 0·125 | 73·6 | 68·8 | 85·2 | 63·5 | 135·3 | 56·8 | 0·641 | 77 | 106 | East | 3 | ... | Do. |
| 8 | 29·898 | 0·119 | 74·6 | 69·1 | 85·1 | 63·8 | 134·9 | 56·8 | 0·639 | 74 | 108 | NE by E | 3 | ... | Do. |
| 9 | 29·915 | 0·132 | 74·1 | 68·9 | 84·7 | 65·2 | 132·3 | 59·5 | 0·639 | 75 | 101 | N E | 3 | ... | Do. |
| 10 | 29·915 | 0·116 | 75·7 | 68·7 | 86·2 | 65·2 | 135·2 | 59·8 | 0·609 | 69 | 113 | N N E | 2 | ... | Clear. |
| 11 | 29·926 | 0·107 | 75·3 | 68·1 | 85·2 | 65·0 | 135·2 | 59·4 | 0·592 | 67 | 150 | North | 2 | ... | Do. |
| 12 | 29·929 | 0·113 | 78·3 | 72·6 | 87·2 | 70·4 | 140·1 | 66·4 | 0·726 | 75 | 181 | North | 73 | ... | Cloudy. |
| 13 | 29·909 | 0·163 | 78·9 | 73·6 | 87·2 | 73·7 | 137·4 | 69·8 | 0·759 | 77 | 127 | N E | 47 | ... | Fine with passing clouds. |
| 14 | 29·916 | 0·141 | 78·7 | 72·0 | 87·4 | 71·1 | 142·4 | 66·1 | 0·696 | 71 | 112 | E N E | 20 | ... | Clear. |
| 15 | 29·914 | 0·129 | 77·2 | 68·8 | 85·4 | 67·0 | 133·6 | 61·6 | 0·592 | 63 | 130 | E by N | 2 | ... | Fine. |
| 16 | 29·903 | 0·147 | 77·3 | 72·1 | 86·3 | 67·5 | 134·2 | 62·4 | 0·719 | 76 | 165 | E by S | 22 | ... | Fine with passing clouds. |
| 17 | 29·878 | 0·140 | 80·6 | 74·5 | 91·8 | 73·8 | 142·2 | 71·1 | 0·774 | 74 | 170 | SE by E | 17 | ... | Do. |
| 18 | 29·889 | 0·138 | 80·8 | 75·6 | 89·6 | 76·1 | 144·2 | 72·8 | 0·816 | 78 | 143 | E S E | 33 | ... | Do. |
| 19 | 29·903 | 0·130 | 79·9 | 74·8 | 87·2 | 74·1 | 136·2 | 70·5 | 0·795 | 78 | 159 | East | 57 | ... | Passing clouds : th. and lg. |
| 20 | 29·889 | 0·120 | 79·8 | 73·7 | 88·4 | 72·4 | 135·1 | 68·7 | 0·751 | 74 | 145 | E by N | 37 | ... | Fine with passing clouds. |
| 21 | 29·950 | 0·119 | 79·8 | 73·5 | 86·7 | 71·9 | 135·2 | 68·2 | 0·742 | 73 | 128 | E N E | 27 | ... | Do. |
| 22 | 29·975 | 0·133 | 80·0 | 73·2 | 88·6 | 71·7 | 140·7 | 67·4 | 0·727 | 71 | 139 | N E | 27 | ... | Fine with light clouds. |
| 23 | 29·932 | 0·147 | 76·8 | 70·5 | 90·9 | 69·8 | 144·5 | 64·4 | 0·663 | 72 | 64 | E N E | 75 | ... | Cloudy. |
| 24 | 29·949 | 0·110 | 77·2 | 70·9 | 89·2 | 66·7 | 136·4 | 60·5 | 0·673 | 72 | 70 | NE by E | 7 | ... | Fine. |
| 25 | 29·957 | 0·127 | 77·1 | 70·7 | 91·1 | 67·5 | 138·5 | 61·1 | 0·665 | 71 | 89 | NE by N | 50 | ... | Fine with haze. |
| 26 | 29·923 | 0·116 | 79·1 | 73·7 | 89·1 | 69·3 | 138·0 | 65·6 | 0·760 | 76 | 134 | N by E | 57 | ... | Fine with passing clouds. |
| 27 | 29·899 | 0·116 | 81·3 | 75·7 | 90·9 | 74·8 | 142·8 | 71·4 | 0·815 | 77 | 167 | N N E | 67 | 0·02 | Passing clouds. |
| 28 | 29·912 | 0·118 | 81·1 | 76·0 | 88·8 | 75·5 | 140·7 | 73·0 | 0·830 | 78 | 141 | E by N | 37 | ... | Fine with passing clouds. |
| Mean | 29·928 | 0·128 | 77·2 | 71·3 | 87·8 | 68·5 | 137·6 | 63·4 | 0·692 | 74 | 126 | NE by E | 26 | 0·02 | |

# Madras Meteorological Observations. 1871—March.

| March 1871. | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·922 | 0·146 | 81·5 | 75·0 | 88·6 | 75·4 | 136·1 | 72·2 | 0·782 | 73 | 184 | SE by E | 20 | ... | Fine. |
| 2 | 29·891 | 0·158 | 81·6 | 75·7 | 90·0 | 75·5 | 142·2 | 73·2 | 0·811 | 75 | 242 | SE by E | 40 | ... | Fine with passing clouds. |
| 3 | 29·842 | 0·165 | 82·2 | 75·6 | 91·0 | 76·5 | 141·5 | 74·6 | 0·798 | 73 | 291 | S E | 43 | ... | Do. |
| 4 | 29·859 | 0·157 | 79·1 | 75·1 | 85·8 | 76·1 | 120·8 | 74·6 | 0·819 | 82 | 218 | S E | 68 | 0·14 | Passing clouds : rain. |
| 5 | 29·886 | 0·158 | 81·2 | 76·0 | 92·1 | 74·8 | 142·9 | 72·4 | 0·829 | 78 | 207 | S E | 57 | 0·61 | Cloudy : rain with th. and lg. |
| 6 | 29·949 | 0·112 | 77·8 | 73·6 | 85·9 | 70·9 | 137·1 | 69·2 | 0·774 | 81 | 111 | E S E | 77 | 0·44 | Cloudy : rain. |
| 7 | 29·961 | 0·124 | 80·2 | 74·9 | 87·7 | 73·9 | 134·2 | 71·5 | 0·795 | 77 | 123 | NE by E | 35 | ... | Fine with passing clouds. |
| 8 | 29·972 | 0·103 | 80·8 | 74·7 | 88·1 | 73·4 | 134·9 | 70·8 | 0·779 | 74 | 116 | E N E | 23 | ... | Do. |
| 9 | 29·994 | 0·121 | 78·3 | 72·1 | 86·9 | 71·0 | 135·6 | 68·2 | 0·706 | 73 | 88 | NE by E | 27 | ... | Do. |
| 10 | 29·958 | 0·136 | 75·3 | 68·5 | 86·8 | 66·0 | 133·9 | 61·0 | 0·607 | 70 | 89 | N E | 7 | ... | Fine. |
| 11 | 29·956 | 0·115 | 75·8 | 68·9 | 89·1 | 65·2 | 136·3 | 60·7 | 0·615 | 69 | 72 | NE by E | 2 | ... | Clear. |
| 12 | 29·955 | 0·142 | 76·0 | 69·9 | 87·2 | 68·1 | 133·3 | 64·5 | 0·651 | 73 | 82 | E N E | 12 | ... | Fine. |
| 13 | 29·933 | 0·155 | 76·4 | 70·7 | 87·9 | 66·9 | 135·5 | 61·7 | 0·677 | 74 | 100 | E by N | 10 | ... | Do. |
| 14 | 29·882 | 0·137 | 79·4 | 71·4 | 93·8 | 67·0 | 139·2 | 61·6 | 0·663 | 66 | 114 | E S E | 17 | ... | Fine with passing clouds. |
| 15 | 29·839 | 0·147 | 80·2 | 72·5 | 93·5 | 69·2 | 137·7 | 64·6 | 0·697 | 67 | 174 | S E | 3 | ... | Fine. |
| 16 | 29·857 | 0·138 | 80·6 | 73·4 | 90·7 | 71·5 | 135·1 | 66·6 | 0·727 | 69 | 169 | SE by E | 0 | ... | Clear. |
| 17 | 29·869 | 0·145 | 80·1 | 73·7 | 89·9 | 71·1 | 135·9 | 66·0 | 0·748 | 72 | 150 | E S E | 3 | ... | Do. |
| 18 | 29·858 | 0·122 | 79·6 | 74·3 | 91·0 | 71·0 | 137·7 | 65·3 | 0·778 | 77 | 113 | E by S | 5 | ... | Fine. |
| 19 | 29·893 | 0·089 | 79·0 | 73·0 | 90·5 | 72·1 | 135·7 | 67·5 | 0·732 | 74 | 109 | E by N | 7 | ... | Do. |
| 20 | 29·939 | 0·130 | 78·7 | 72·5 | 89·5 | 69·2 | 131·0 | 64·0 | 0·716 | 73 | 111 | N E | 22 | ... | Fine with light clouds. |
| 21 | 29·964 | 0·114 | 78·9 | 72·8 | 89·8 | 68·7 | 135·4 | 63·0 | 0·726 | 74 | 93 | N E | 10 | ... | Fine. |
| 22 | 29·924 | 0·148 | 81·6 | 73·3 | 94·9 | 70·7 | 140·4 | 65·6 | 0·709 | 66 | 112 | East | 17 | ... | Fine with light clouds. |
| 23 | 29·922 | 0·115 | 79·9 | 73·4 | 92·8 | 71·2 | 137·5 | 66·1 | 0·737 | 72 | 115 | E by S | 47 | ... | Fine. |
| 24 | 29·906 | 0·152 | 81·3 | 74·9 | 90·9 | 71·2 | 138·6 | 66·0 | 0·780 | 73 | 139 | SE by E | 73 | ... | Hazy. |
| 25 | 29·904 | 0·135 | 81·6 | 74·8 | 92·2 | 73·8 | 139·6 | 70·1 | 0·772 | 72 | 172 | SE by E | 53 | ... | Fine with haze. |
| 26 | 29·901 | 0·121 | 80·1 | 74·6 | 92·5 | 69·8 | 138·0 | 64·5 | 0·781 | 76 | 160 | E S E | 20 | ... | Fine with light clouds. |
| 27 | 29·897 | 0·140 | 81·6 | 75·6 | 89·1 | 72·9 | 135·1 | 67·8 | 0·806 | 75 | 191 | E S E | 12 | ... | Fine. |
| 28 | 29·891 | 0·143 | 82·6 | 75·8 | 89·9 | 74·1 | 136·5 | 69·7 | 0·802 | 72 | 163 | E by S | 22 | ... | Fine with passing clouds. |
| 29 | 29·917 | 0·124 | 81·6 | 75·7 | 90·0 | 75·0 | 143·4 | 71·3 | 0·811 | 75 | 161 | E by S | 30 | ... | Do. |
| 30 | 29·896 | 0·126 | 81·8 | 74·8 | 91·7 | 74·0 | 137·7 | 69·3 | 0·769 | 71 | 150 | E by S | 32 | ... | Do. |
| 31 | 29·865 | 0·140 | 81·6 | 75·1 | 89·6 | 73·0 | 136·3 | 67·5 | 0·785 | 73 | 175 | E S E | 17 | ... | Fine with light clouds. |
| Mean | 29·910 | 0·134 | 79·9 | 73·6 | 90·0 | 71·6 | 136·6 | 67·5 | 0·748 | 73 | 145 | E by S | 26 | 1·19 | |

## Madras Meteorological Observations. 1871—April.

| April 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·876 | 0·129 | 81·8 | 75·5 | 91·0 | 73·4 | 137·0 | 68·3 | 0·800 | 74 | 162 | SE by E | 5 | ... | Fine. |
| 2 | 29·908 | 0·137 | 81·3 | 75·5 | 89·7 | 74·4 | 134·3 | 69·1 | 0·806 | 76 | 151 | E S E | 18 | ... | Fine with passing clouds. |
| 3 | 29·896 | 0·151 | 81·1 | 74·7 | 89·1 | 73·4 | 134·7 | 68·8 | 0·774 | 73 | 146 | SE by E | 10 | ... | Fine. |
| 4 | 29·854 | 0·174 | 82·1 | 75·2 | 91·0 | 72·9 | 138·5 | 68·6 | 0·782 | 71 | 163 | SE by E | 23 | ... | Fine with light clouds. |
| 5 | 29·865 | 0·143 | 82·2 | 76·6 | 91·4 | 74·7 | 136·7 | 70·3 | 0·842 | 77 | 194 | E S E | 8 | ... | Fine. |
| 6 | 29·901 | 0·140 | 83·4 | 77·7 | 91·9 | 76·0 | 138·1 | 72·5 | 0·874 | 76 | 201 | SE by E | 17 | ... | Fine with light clouds. |
| 7 | 29·866 | 0·133 | 83·6 | 77·2 | 91·5 | 75·9 | 137·5 | 72·9 | 0·848 | 73 | 219 | SE by E | 17 | ... | Do. |
| 8 | 29·827 | 0·154 | 84·2 | 77·9 | 93·1 | 77·2 | 139·0 | 73·1 | 0·872 | 74 | 228 | SE by E | 32 | ... | Fine with passing clouds. |
| 9 | 29·856 | 0·123 | 83·8 | 77·3 | 91·5 | 77·3 | 137·3 | 73·7 | 0·850 | 73 | 203 | E S E | 18 | ... | Fine. |
| 10 | 29·949 | 0·112 | 84·7 | 78·3 | 92·0 | 78·1 | 139·2 | 74·5 | 0·883 | 74 | 150 | E by S | 25 | ... | Fine with light clouds. |
| 11 | 29·983 | 0·118 | 84·0 | 77·3 | 92·0 | 77·5 | 141·3 | 73·7 | 0·847 | 73 | 124 | East | 43 | ... | Fine with passing clouds. |
| 12 | 29·922 | 0·155 | 83·6 | 76·7 | 92·0 | 75·9 | 138·3 | 72·3 | 0·826 | 72 | 158 | E S E | 18 | ... | Fine. |
| 13 | 29·848 | 0·146 | 83·1 | 77·1 | 90·8 | 74·3 | 136·5 | 69·9 | 0·851 | 75 | 194 | SE by E | 3 | ... | Clear. |
| 14 | 29·829 | 0·143 | 83·9 | 78·0 | 93·1 | 76·3 | 139·9 | 72·6 | 0·880 | 75 | 211 | SE by E | 27 | ... | Fine with passing clouds. |
| 15 | 29·799 | 0·142 | 85·6 | 78·7 | 96·0 | 78·7 | 140·1 | 75·7 | 0·889 | 72 | 277 | S E | 30 | ... | Fine with light clouds. |
| 16 | 29·799 | 0·162 | 85·9 | 79·1 | 98·3 | 80·3 | 141·5 | 79·0 | 0·903 | 73 | 306 | SE by E | 47 | ... | Passing clouds. |
| 17 | 29·826 | 0·147 | 84·5 | 77·9 | 92·2 | 80·8 | 141·9 | 79·5 | 0·868 | 74 | 235 | SE by E | 60 | ... | Do. |
| 18 | 29·824 | 0·133 | 83·8 | 77·6 | 91·8 | 78·9 | 140·1 | 76·1 | 0·864 | 75 | 172 | E S E | 33 | ... | Fine with passing clouds. |
| 19 | 29·801 | 0·162 | 84·3 | 77·4 | 93·3 | 76·9 | 143·5 | 74·2 | 0·847 | 72 | 190 | E by S | 38 | ... | Do. |
| 20 | 29·789 | 0·137 | 84·6 | 77·2 | 92·4 | 77·0 | 138·2 | 72·6 | 0·835 | 70 | 206 | E S E | 8 | ... | Fine. |
| 21 | 29·795 | 0·129 | 84·3 | 76·4 | 93·2 | 77·3 | 138·8 | 73·5 | 0·804 | 68 | 199 | E S E | 2 | ... | Clear. |
| 22 | 29·753 | 0·163 | 85·1 | 77·7 | 93·8 | 76·8 | 142·1 | 72·9 | 0·851 | 70 | 226 | S E | 8 | ... | Fine : lg. W |
| 23 | 29·731 | 0·167 | 86·3 | 78·6 | 95·6 | 79·9 | 142·0 | 76·5 | 0·875 | 70 | 263 | SE by E | 20 | ... | Do. : do. |
| 24 | 29·724 | 0·147 | 86·9 | 76·9 | 98·4 | 80·1 | 144·3 | 79·1 | 0·791 | 62 | 258 | S E | 23 | ... | Fine with haze : lg. W. |
| 25 | 29·764 | 0·113 | 85·2 | 79·0 | 92·3 | 80·0 | 138·5 | 77·3 | 0·908 | 75 | 232 | E S E | 47 | ... | Fine with passing clouds : lg. W. |
| 26 | 29·782 | 0·117 | 85·5 | 78·8 | 93·6 | 79·3 | 142·2 | 76·5 | 0·896 | 73 | 184 | E by S | 53 | ... | Fine with passing clouds : lg. N. W. |
| 27 | 29·770 | 0·102 | 84·6 | 78·3 | 90·8 | 80·0 | 131·7 | 76·5 | 0·885 | 74 | 109 | East | 82 | 0·01 | Cloudy. |
| 28 | 29·820 | 0·101 | 85·0 | 78·3 | 92·0 | 79·1 | 135·5 | 76·8 | 0·880 | 73 | 115 | East | 67 | ... | Passing clouds. |
| 29 | 29·824 | 0·122 | 84·8 | 77·8 | 92·3 | 78·8 | 140·5 | 75·9 | 0·860 | 72 | 131 | E by N | 33 | ... | Fine with passing clouds. |
| 30 | 29·813 | 0·112 | 84·7 | 77·3 | 92·0 | 78·5 | 140·4 | 75·8 | 0·839 | 70 | 166 | E by S | 23 | ... | Do. |
| Mean | 29·833 | 0·137 | 84·1 | 77·4 | 92·6 | 77·3 | 139·0 | 73·9 | 0·851 | 73 | 192 | E S E | 28 | 0·01 | |

## Madras Meteorological Observations. 1871—May.

| May 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents. | Inches | |
| 1 | 29·818 | 0·123 | 85·1 | 77·1 | 92·6 | 79·2 | 137·4 | 75·6 | 0·824 | 68 | 187 | E S E | 10 | ... | Fine. |
| 2 | 29·802 | 0·146 | 84·8 | 77·9 | 92·4 | 78·8 | 139·6 | 75·3 | 0·863 | 72 | 212 | E S E | 20 | ... | Fine : lg. S. W. |
| 3 | 29·782 | 0·131 | 86·2 | 78·3 | 94·5 | 79·1 | 141·5 | 76·0 | 0·863 | 68 | 144 | East | 10 | ... | Do. |
| 4 | 29·772 | 0·137 | 85·9 | 79·0 | 93·1 | 80·7 | 138·7 | 78·1 | 0·899 | 72 | 138 | E by S | 83 | ... | Cloudy : lg. W. |
| 5 | 29·746 | 0·126 | 86·0 | 75·8 | 95·6 | 77·9 | 140·4 | 75·6 | 0·755 | 61 | 143 | SE by E | 30 | ... | Fine with passing clouds : lg. S. W. |
| 6 | 29·741 | 0·153 | 86·6 | 77·9 | 98·8 | 79·3 | 144·0 | 76·9 | 0·838 | 66 | 173 | SE by E | 18 | ... | Fine. |
| 7 | 29·784 | 0·128 | 87·1 | 79·9 | 97·6 | 81·7 | 144·4 | 79·4 | 0·925 | 71 | 207 | SE by E | 37 | ... | Fine with passing clouds. |
| 8 | 29·749 | 0·129 | 87·9 | 79·7 | 98·2 | 81·1 | 145·7 | 79·8 | 0·904 | 69 | 262 | SE by S | 40 | ... | Fine p. cl. : th. and lg. N. W. |
| 9 | 29·728 | 0·143 | 86·8 | 76·5 | 101·5 | 78·0 | 143·5 | 77·3 | 0·775 | 61 | 212 | S by E | 72 | ... | Cloudy. |
| 10 | 29·753 | 0·123 | 86·8 | 78·1 | 98·9 | 80·6 | 145·4 | 78·3 | 0·845 | 66 | 164 | S E | 73 | ... | Passing clouds. |
| 11 | 29·770 | 0·100 | 87·0 | 76·7 | 96·0 | 80·7 | 141·0 | 79·3 | 0·781 | 61 | 199 | S S E | 47 | ... | Fine with light clouds : lg. N. W. |
| 12 | 29·776 | 0·092 | 86·1 | 76·2 | 94·7 | 80·4 | 134·6 | 79·1 | 0·770 | 61 | 200 | S E | 57 | ... | Passing clouds. |
| 13 | 29·761 | 0·164 | 87·0 | 78·0 | 96·1 | 81·2 | 141·6 | 79·5 | 0·838 | 65 | 192 | S E | 73 | ... | Do. |
| 14 | 29·712 | 0·140 | 88·7 | 76·8 | 103·2 | 82·4 | 146·4 | 79·7 | 0·762 | 56 | 173 | S S E | 80 | 0·08 | Cloudy : th. |
| 15 | 29·723 | 0·109 | 86·5 | 74·3 | 103·0 | 75·5 | 140·4 | 73·1 | 0·684 | 54 | 178 | S E | 80 | 0·23 | Cloudy : light rain. |
| 16 | 29·779 | 0·100 | 86·5 | 76·8 | 96·5 | 80·7 | 141·6 | 79·2 | 0·792 | 63 | 168 | S E | 92 | ... | Cloudy. |
| 17 | 29·768 | 0·126 | 88·0 | 76·5 | 103·6 | 83·1 | 150·1 | 81·6 | 0·759 | 57 | 248 | S S E | 37 | ... | Fine with light clouds. |
| 18 | 29·730 | 0·139 | 89·0 | 75·8 | 100·3 | 82·2 | 145·7 | 80·6 | 0·714 | 52 | 195 | S E | 42 | ... | Fine with passing clouds. |
| 19 | 29·737 | 0·091 | 88·4 | 76·4 | 99·1 | 82·6 | 140·6 | 81·3 | 0·749 | 56 | 199 | SE by S | 80 | ... | Cloudy. |
| 20 | 29·752 | 0·100 | 87·1 | 77·0 | 101·2 | 83·4 | 139·9 | 80·6 | 0·793 | 62 | 157 | S S E | 87 | ... | Do. |
| 21 | 29·712 | 0·127 | 88·6 | 74·1 | 104·3 | 82·3 | 145·0 | 81·7 | 0·648 | 48 | 243 | S S E | 30 | ... | Fine with light clouds. |
| 22 | 29·680 | 0·123 | 87·9 | 75·7 | 102·0 | 82·4 | 144·8 | 80·0 | 0·726 | 55 | 282 | SE by S | 13 | ... | Fine. |
| 23 | 29·697 | 0·101 | 87·0 | 77·5 | 102·2 | 82·1 | 143·7 | 80·8 | 0·817 | 64 | 254 | SE by S | 42 | ... | Fine with passing clouds : th. N. W. |
| 24 | 29·706 | 0·106 | 87·7 | 77·9 | 104·2 | 82·3 | 144·8 | 81·0 | 0·825 | 63 | 277 | SE by S | 33 | ... | Fine with passing clouds. |
| 25 | 29·732 | 0·112 | 87·4 | 79·2 | 97·8 | 82·4 | 142·4 | 81·6 | 0·888 | 68 | 336 | S E | 17 | ... | Fine. |
| 26 | 29·768 | 0·103 | 86·3 | 78·7 | 94·9 | 81·6 | 140·0 | 80·4 | 0·880 | 70 | 331 | S E | 10 | ... | Do. |
| 27 | 29·798 | 0·088 | 85·3 | 79·1 | 92·0 | 81·2 | 136·3 | 80·1 | 0·911 | 75 | 299 | SE by E | 27 | ... | Do. |
| 28 | 29·817 | 0·082 | 85·8 | 77·7 | 95·7 | 80·7 | 140·6 | 78·9 | 0·842 | 68 | 318 | S E | 10 | ... | Fine with light clouds. |
| 29 | 29·777 | 0·173 | 87·3 | 77·9 | 96·9 | 80·9 | 141·4 | 79·6 | 0·830 | 64 | 279 | S E | 7 | ... | Fine. |
| 30 | 29·724 | 0·152 | 88·4 | 76·2 | 104·2 | 82·6 | 146·0 | 81·2 | 0·740 | 55 | 241 | S S E | 22 | ... | Fine with passing clouds. |
| 31 | 29·693 | 0·124 | 87·9 | 76·4 | 98·7 | 80·9 | 141·8 | 79·5 | 0·756 | 57 | 266 | SE by S | 27 | ... | Fine with haze. |
| Mean | 29·751 | 0·122 | 87·0 | 77·3 | 98·4 | 80·9 | 142·2 | 79·1 | 0·806 | 63 | 222 | S E | 42 | 0·31 | |

## Madras Meteorological Observations. 1871—June.

| June 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·688 | 0·125 | 87·6 | 77·4 | 100·0 | 81·5 | 143·4 | 80·0 | 0·803 | 61 | 221 | S E | 37 | ... | Fine with light clouds : lg. S. W. |
| 2 | 29·680 | 0·125 | 88·4 | 76·4 | 101·3 | 82·6 | 145·0 | 81·5 | 0·749 | 56 | 222 | S S E | 90 | ... | Cloudy. |
| 3 | 29·652 | 0·073 | 85·2 | 75·8 | 99·1 | 82·2 | 135·5 | 79·9 | 0·765 | 63 | 280 | S by E | 85 | 0·18 | Do. |
| 4 | 29·646 | 0·165 | 78·0 | 74·9 | 84·7 | 75·3 | 104·9 | 74·7 | 0·825 | 86 | 185 | S S W | 85 | 2·02 | Do. |
| 5 | 29·590 | 0·116 | 84·6 | 77·6 | 94·4 | 78·6 | 134·6 | 76·9 | 0·847 | 72 | 237 | S E | 67 | ... | Passing clouds : lg. S. W. |
| 6 | 29·603 | 0·108 | 85·3 | 76·5 | 95·3 | 79·7 | 138·0 | 79·3 | 0·794 | 65 | 200 | South | 70 | 0·02 | Cloudy. |
| 7 | 29·648 | 0·100 | 83·3 | 75·8 | 94·1 | 80·1 | 144·2 | 78·5 | 0·792 | 69 | 192 | SE by E | 63 | 0·09 | Chiefly fine. |
| 8 | 29·651 | 0·147 | 89·1 | 75·3 | 99·6 | 78·4 | 145·4 | 77·5 | 0·692 | 50 | 213 | W by S | 73 | ... | Passing clouds : lg. N. |
| 9 | 29·652 | 0·151 | 86·4 | 75·5 | 100·1 | 82·1 | 145·8 | 80·5 | 0·736 | 58 | 265 | S by E | 43 | ... | Fine with passing clouds. |
| 10 | 29·703 | 0·134 | 87·3 | 76·8 | 102·3 | 81·5 | 147·4 | 79·3 | 0·781 | 60 | 214 | S S E | 63 | ... | Passing clouds. |
| 11 | 29·748 | 0·102 | 87·3 | 75·2 | 97·2 | 82·6 | 132·3 | 80·9 | 0·712 | 55 | 177 | S S E | 90 | 0·10 | Cloudy. |
| 12 | 29·730 | 0·148 | 85·5 | 74·4 | 93·1 | 78·5 | 132·6 | 75·7 | 0·703 | 58 | 227 | South | 90 | 0·01 | Chiefly overcast. |
| 13 | 29·717 | 0·154 | 85·5 | 75·8 | 100·7 | 79·6 | 143·4 | 76·8 | 0·763 | 62 | 206 | S by E | 43 | 0·03 | Passing clouds. |
| 14 | 29·706 | 0·142 | 86·5 | 76·0 | 99·4 | 80·4 | 139·5 | 77·5 | 0·757 | 60 | 218 | S by W | 73 | ... | Cloudy. |
| 15 | 29·687 | 0·134 | 89·2 | 75·6 | 101·8 | 83·9 | 141·1 | 82·6 | 0·703 | 51 | 245 | S by W | 73 | 0·09 | Do. |
| 16 | 29·668 | 0·153 | 89·5 | 74·5 | 100·1 | 81·4 | 136·4 | 79·4 | 0·653 | 47 | 231 | SW by S | 77 | ... | Do. |
| 17 | 29·708 | 0·114 | 86·6 | 75·3 | 100·6 | 83·2 | 144·3 | 82·2 | 0·726 | 57 | 257 | South | 82 | ... | Do. |
| 18 | 29·725 | 0·107 | 86·5 | 75·4 | 100·0 | 83·0 | 148·7 | ... | 0·732 | 58 | 216 | S by E | 85 | 0·01 | Do. |
| 19 | 29·736 | 0·122 | 85·1 | 75·9 | 98·8 | 80·7 | 142·6 | 79·4 | 0·773 | 64 | 271 | South | 85 | ... | Do. |
| 20 | 29·676 | 0·124 | 83·5 | 74·6 | 101·6 | 80·9 | 147·4 | 79·9 | 0·741 | 64 | 276 | South | 62 | 0·17 | Passing clouds. |
| 21 | 29·611 | 0·134 | 87·1 | 74·8 | 99·7 | 79·8 | 144·8 | 78·1 | 0·697 | 54 | 263 | S S W | 90 | 0·02 | Overcast. |
| 22 | 29·643 | 0·110 | 89·8 | 73·5 | 99·0 | 82·8 | 139·4 | 81·4 | 0·607 | 43 | 335 | SW by W | 95 | ... | Chiefly overcast. |
| 23 | 29·661 | 0·119 | 90·3 | 71·9 | 101·6 | 82·2 | 140·4 | 80·8 | 0·535 | 37 | 355 | SW by S | 90 | ... | Cloudy. |
| 24 | 29·669 | 0·142 | 89·1 | 73·8 | 98·1 | 82·1 | 143·8 | 80·7 | 0·629 | 46 | 273 | S S W | 93 | ... | Cloudy : th. |
| 25 | 29·684 | 0·124 | 90·8 | 74·6 | 102·8 | 82·1 | 143·7 | 80·7 | 0·639 | 45 | 341 | S S W | 57 | ... | Passing clouds. |
| 26 | 29·707 | 0·141 | 89·3 | 73·8 | 103·7 | 82·7 | 144·5 | 81·4 | 0·626 | 45 | 318 | South | 68 | 0·04 | Chiefly overcast. |
| 27 | 29·708 | 0·147 | 86·5 | 74·6 | 101·6 | 80·9 | 144·4 | 78·6 | 0·697 | 55 | 275 | South | 65 | ... | Passing clouds. |
| 28 | 29·710 | 0·138 | 86·6 | 75·9 | 99·9 | 82·2 | 146·9 | 80·4 | 0·751 | 59 | 252 | S S E | 57 | ... | Fine with passing clouds. |
| 29 | 29·761 | 0·103 | 86·1 | 75·9 | 96·1 | 81·4 | 142·0 | 80·0 | 0·758 | 60 | 241 | S E | 55 | ... | Do. |
| 30 | 29·792 | 0·124 | 86·2 | 76·3 | 96·9 | 81·1 | 144·4 | 78·8 | 0·774 | 61 | 240 | S E | 63 | 0·06 | Passing clouds. |
| Mean | 29·685 | 0·128 | 86·7 | 75·3 | 98·8 | 81·1 | 140·9 | 79·4 | 0·725 | 57 | 248 | South | 72 | 2·84 | |

# Madras Meteorological Observations. 1871—July.

| July 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches. | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents. | Miles | Points | Cents | Inches | |
| 1 | 29·771 | 0·119 | 85·3 | 76·6 | 95·8 | 79·1 | 130·8 | 76·4 | 0·799 | 65 | 227 | S by E | 83 | 0·07 | Chiefly overcast. |
| 2 | 29·756 | 0·083 | 82·1 | 73·6 | 90·1 | 73·1 | 113·3 | 71·7 | 0·715 | 65 | 158 | SW by S | 100 | 0·59 | Overcast : thunderstorm. |
| 3 | 29·747 | 0·098 | 83·7 | 72·0 | 90·9 | 79·1 | 121·3 | 75·3 | 0·629 | 55 | 176 | S W | 100 | ... | Overcast. |
| 4 | 29·727 | 0·108 | 84·9 | 74·2 | 97·4 | 78·4 | 141·8 | 75·3 | 0·703 | 60 | 220 | S S W | 67 | ... | Passing clouds. |
| 5 | 29·706 | 0·112 | 85·4 | 75·1 | 97·0 | 79·4 | 142·4 | 78·0 | 0·734 | 60 | 225 | S by W | 70 | 0·06 | Cloudy. |
| 6 | 29·668 | 0·120 | 88·1 | 76·0 | 100·2 | 81·3 | 144·3 | 79·8 | 0·736 | 56 | 234 | SE by S | 43 | ... | Fine with passing clouds. |
| 7 | 29·647 | 0·122 | 88·7 | 74·1 | 96·4 | 83·3 | 129·5 | 82·0 | 0·647 | 48 | 231 | S W | 75 | ... | Light clouds : th. |
| 8 | 29·645 | 0·100 | 86·9 | 75·3 | 99·3 | 82·8 | 140·7 | 80·7 | 0·720 | 57 | 238 | South | 80 | ... | Cloudy. |
| 9 | 29·678 | 0·119 | 85·4 | 75·6 | 99·1 | 80·3 | 141·5 | 78·6 | 0·756 | 62 | 220 | S S E | 47 | ... | Fine with passing clouds. |
| 10 | 29·671 | 0·136 | 84·7 | 74·2 | 102·6 | 79·2 | 152·4 | 77·3 | 0·705 | 59 | 215 | South | 63 | ... | Passing clouds. |
| 11 | 29·664 | 0·148 | 85·8 | 75·5 | 100·9 | 81·1 | 146·3 | 79·9 | 0·746 | 60 | 223 | S by W | 80 | 0·01 | Cloudy. |
| 12 | 29·685 | 0·114 | 84·2 | 73·8 | 99·0 | 80·1 | 144·4 | 78·7 | 0·695 | 59 | 218 | S by W | 90 | 4·07 | Cloudy : heavy rain with th. and lg. |
| 13 | 29·719 | 0·121 | 82·3 | 76·6 | 92·7 | 75·1 | 134·8 | 73·4 | 0·839 | 76 | 216 | S S E | 83 | 0·22 | Cloudy day : light rain. |
| 14 | 29·762 | 0·122 | 82·3 | 76·3 | 95·5 | 76·3 | 145·6 | 74·3 | 0·827 | 75 | 175 | South | 67 | 0·11 | Cloudy : thunderstorm. |
| 15 | 29·730 | 0·134 | 81·9 | 75·8 | 90·3 | 74·4 | 132·1 | 72·3 | 0·810 | 75 | 248 | SW by S | 82 | 2·08 | Overcast : thunderstorm with rain. |
| 16 | 29·750 | 0·094 | 78·8 | 74·5 | 84·3 | 74·5 | 103·4 | 71·4 | 0·798 | 81 | 152 | S by W | 100 | 0·38 | Overcast with showers. |
| 17 | 29·743 | 0·122 | 81·3 | 74·1 | 88·4 | 75·9 | 116·0 | 73·6 | 0·747 | 70 | 144 | SW by S | 100 | ... | Overcast. |
| 18 | 29·705 | 0·121 | 81·1 | 74·8 | 88·3 | 76·2 | 123·2 | 74·5 | 0·779 | 73 | 169 | S W | 100 | 0·20 | Overcast : light rain : th. |
| 19 | 29·687 | 0·116 | 81·8 | 74·0 | 88·5 | 76·5 | 125·3 | 75·1 | 0·736 | 68 | 208 | S by W | 100 | ... | Overcast : th. |
| 20 | 29·684 | 0·108 | 82·6 | 75·1 | 91·7 | 77·6 | 129·0 | 77·3 | 0·771 | 69 | 189 | South | 97 | 0·02 | Do. |
| 21 | 29·737 | 0·099 | 84·3 | 74·6 | 94·7 | 77·2 | 144·9 | 74·9 | 0·723 | 61 | 213 | South | 53 | ... | Passing clouds. |
| 22 | 29·770 | 0·123 | 85·6 | 75·4 | 96·3 | 78·6 | 135·0 | 76·8 | 0·746 | 60 | 250 | S S W | 63 | .. | Passing clouds : lg. S. W. |
| 23 | 29·804 | 0·114 | 80·1 | 73·7 | 92·3 | 75·4 | 130·1 | 73·0 | 0·748 | 72 | 205 | South | 83 | 1·02 | Overcast : thunderstorm. |
| 24 | 29·764 | 0·119 | 81·0 | 74·7 | 89·8 | 73·2 | 122·4 | 72·3 | 0·776 | 73 | 175 | S by E | 87 | ... | Cloudy : lg. S. |
| 25 | 29·721 | 0·098 | 83·0 | 74·3 | 91·8 | 77·7 | 126·6 | 73·3 | 0·732 | 64 | 195 | S by W | 93 | 0·02 | Overcast. |
| 26 | 29·727 | 0·106 | 82·9 | 75·0 | 90·4 | 77·4 | 118·9 | 74·5 | 0·763 | 67 | 187 | South | 83 | ... | Cloudy : lg. N. |
| 27 | 29·752 | 0·143 | 84·1 | 75·7 | 93·5 | 77·2 | 127·8 | 75·3 | 0·776 | 66 | 167 | S S W | 80 | 0·01 | Chiefly cloudy : lg. S. W. |
| 28 | 29·736 | 0·152 | 83·1 | 76·0 | 97·4 | 77·3 | 139·6 | 74·7 | 0·803 | 71 | 190 | S by E | 60 | ... | Passing clouds : lg. S. W. |
| 29 | 29·708 | 0·117 | 84·2 | 75·0 | 93·7 | 78·5 | 126·6 | 77·1 | 0·745 | 63 | 230 | S by W | 93 | ... | Cloudy. |
| 30 | 29·720 | 0·135 | 86·2 | 73·3 | 96·1 | 78·4 | 141·6 | 75·8 | 0·647 | 51 | 198 | S W | 72 | ... | Do. |
| 31 | 29·746 | 0·150 | 85·1 | 74·0 | 97·7 | 77·1 | 136·4 | 75·5 | 0·692 | 58 | 227 | S by W | 83 | 0·02 | Chiefly overcast. |
| Mean | 29·720 | 0·119 | 83·8 | 74·8 | 94·3 | 77·8 | 132·5 | 75·8 | 0·743 | 64 | 204 | S by W | 80 | 8·88 | |

# Madras Meteorological Observations. 1871—August.

| August 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·761 | 0·121 | 83·3 | 74·9 | 97·7 | 75·7 | 142·9 | 71·4 | 0·753 | 65 | 208 | S S E | 47 | ... | Fine with passing clouds. |
| 2 | 29·757 | 0·125 | 85·7 | 76·6 | 96·9 | 78·3 | 137·4 | 77·1 | 0·794 | 65 | 200 | S by E | 73 | ... | Cloudy. |
| 3 | 29·763 | 0·112 | 83·5 | 76·0 | 96·5 | 76·5 | 141·7 | 74·4 | 0·798 | 69 | 189 | S by E | 50 | ... | Fine with light clouds. |
| 4 | 29·770 | 0·139 | 86·1 | 74·2 | 93·6 | 80·3 | 119·9 | 77·8 | 0·686 | 55 | 171 | South | 77 | ... | Cloudy. |
| 5 | 29·741 | 0·118 | 85·3 | 75·8 | 97·4 | 79·3 | 142·0 | 76·9 | 0·765 | 63 | 221 | S by E | 40 | ... | Fine with light clouds. |
| 6 | 29·744 | 0·118 | 86·5 | 75·7 | 95·3 | 80·0 | 136·4 | 76·7 | 0·744 | 59 | 174 | S by E | 77 | ... | Cloudy. |
| 7 | 29·750 | 0·111 | 84·5 | 75·2 | 96·5 | 81·3 | 138·4 | 79·2 | 0·750 | 63 | 203 | South | 87 | 0·02 | Cloudy : th. and lg. S. W. |
| 8 | 29·730 | 0·128 | 84·0 | 74·9 | 93·4 | 77·3 | 127·2 | 75·4 | 0·744 | 64 | 186 | South | 88 | ... | Cloudy. |
| 9 | 29·691 | 0·158 | 86·8 | 75·4 | 100·1 | 79·7 | 144·5 | 76·4 | 0·727 | 57 | 223 | S S W | 70 | 0·16 | Cloudy : rain : lg. S. W. |
| 10 | 29·694 | 0·121 | 85·5 | 74·9 | 97·5 | 78·3 | 141·2 | 74·5 | 0·724 | 59 | 227 | S W | 87 | 0·34 | Overcast : rain : th. and lg. S. W. |
| 11 | 29·710 | 0·126 | 85·6 | 76·9 | 96·9 | 77·5 | 139·8 | 75·4 | 0·808 | 66 | 200 | S by E | 83 | 0·04 | Cloudy. |
| 12 | 29·716 | 0·159 | 87·0 | 75·2 | 98·7 | 79·5 | 145·5 | 77·2 | 0·716 | 56 | 208 | S by W | 60 | ... | Passing clouds. |
| 13 | 29·711 | 0·129 | 85·3 | 75·4 | 92·9 | 80·7 | 113·9 | 78·4 | 0·748 | 61 | 178 | S by E | 62 | ... | Chiefly cloudy. |
| 14 | 29·716 | 0·155 | 86·7 | 75·6 | 97·9 | 79·3 | 141·7 | 76·9 | 0·737 | 58 | 229 | South | 63 | ... | Passing clouds : lg. S. W. |
| 15 | 29·742 | 0·151 | 84·1 | 76·2 | 96·3 | 75·3 | 136·4 | 73·4 | 0·798 | 68 | 232 | S by E | 57 | 0·23 | Passing clouds : rain. |
| 16 | 29·740 | 0·120 | 85·1 | 75·2 | 95·6 | 78·8 | 139·3 | 76·3 | 0·742 | 61 | 200 | S E | 57 | 0·01 | Fine with passing clouds. |
| 17 | 29·773 | 0·126 | 85·1 | 77·3 | 96·0 | 79·6 | 146·3 | 77·4 | 0·833 | 69 | 164 | SE by E | 37 | ... | Do. |
| 18 | 29·798 | 0·116 | 84·3 | 76·5 | 96·5 | 79·2 | 143·9 | 77·5 | 0·809 | 69 | 161 | SE by S | 28 | ... | Do. |
| 19 | 29·788 | 0·119 | 85·9 | 76·8 | 94·6 | 79·2 | 143·7 | 77·3 | 0·800 | 65 | 195 | SE by S | 17 | ... | Fine. |
| 20 | 29·804 | 0·098 | 83·4 | 76·3 | 92·8 | 74·2 | 137·5 | 72·3 | 0·812 | 71 | 224 | S S E | 30 | 0·12 | Hvy. duststorm fol'd. by rain : fine day. |
| 21 | 29·796 | 0·108 | 86·3 | 77·7 | 100·2 | 79·6 | 145·4 | 78·3 | 0·835 | 67 | 207 | S S E | 25 | ... | Fine with passing clouds. |
| 22 | 29·786 | 0·107 | 85·6 | 75·5 | 97·8 | 79·5 | 143·7 | 78·4 | 0·749 | 61 | 194 | S E | 47 | ... | Fine with haze. |
| 23 | 29·760 | 0·124 | 85·7 | 75·8 | 96·6 | 79·9 | 142·1 | 77·5 | 0·760 | 61 | 177 | E S E | 37 | ... | Do. |
| 24 | 29·777 | 0·116 | 85·6 | 76·6 | 98·2 | 79·1 | 145·3 | 77·1 | 0·795 | 65 | 215 | S E | 23 | ... | Fine with passing clouds. |
| 25 | 29·817 | 0·099 | 85·2 | 76·0 | 99·0 | 78·6 | 147·4 | 76·9 | 0·775 | 64 | 224 | SE by S | 60 | .. | Passing clouds : th. N. and S. W. |
| 26 | 29·857 | 0·116 | 84·4 | 75·0 | 94·9 | 78·0 | 149·6 | 76·8 | 0·742 | 62 | 172 | S S E | 77 | ... | Cloudy. |
| 27 | 29·788 | 0·135 | 85·7 | 74·4 | 94·3 | 77·5 | 120·5 | 76·0 | 0·700 | 57 | 183 | S S W | 77 | ... | Do. |
| 28 | 29·728 | 0·136 | 85·3 | 74·3 | 94·1 | 81·3 | 132·3 | 79·3 | 0·701 | 58 | 168 | S by E | 95 | 0·03 | Overcast. |
| 29 | 29·679 | 0·129 | 77·6 | 73·9 | 81·2 | 75·0 | 95·3 | 74·4 | 0·788 | 83 | 117 | SW by S | 100 | 0·44 | Overcast : rain. |
| 30 | 29·704 | 0·105 | 81·0 | 75·3 | 88·7 | 76·2 | 114·7 | 74·3 | 0·802 | 75 | 120 | South | 95 | 0·04 | Overcast. |
| 31 | 29·775 | 0·106 | 82·2 | 73·4 | 87·1 | 76·2 | 112·7 | 73·9 | 0·706 | 64 | 135 | South | 95 | ... | Cloudy. |
| Mean | 29·754 | 0·124 | 84·8 | 75·6 | 95·3 | 78·4 | 135·8 | 76·3 | 0·763 | 64 | 190 | S by E | 62 | 1·43 | |

# Madras Meteorological Observations. 1871—September.

| September 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·764 | 0·156 | 81·6 | 76·0 | 91·4 | 78·3 | 120·9 | 75·5 | 0·824 | 76 | 97 | E S E | 85 | ... | Cloudy. |
| 2 | 29·774 | 0·147 | 78·6 | 74·8 | 84·3 | 75·3 | 130·7 | 74·1 | 0·812 | 83 | 93 | East | 85 | ... | Cloudy : th. : N. and N. W. |
| 3 | 29·766 | 0·113 | 84·3 | 75·9 | 92·8 | 77·3 | 139·4 | 74·3 | 0·782 | 66 | 175 | N N E | 13 | ... | Fine. |
| 4 | 29·797 | 0·128 | 84·4 | 77·0 | 92·6 | 78·1 | 144·9 | 74·9 | 0·829 | 70 | 129 | NE by E | 27 | ... | Fine with passing clouds. |
| 5 | 29·788 | 0·116 | 85·5 | 77·3 | 97·4 | 78·1 | 145·4 | 75·0 | 0·827 | 67 | 143 | East | 60 | ... | Passing clouds : th. W. |
| 6 | 29·767 | 0·149 | 83·8 | 75·2 | 96·6 | 77·3 | 142·7 | 75·2 | 0·760 | 65 | 165 | SE by E | 53 | ... | Fine with passing clouds. |
| 7 | 29·740 | 0·140 | 82·0 | 75·5 | 96·7 | 75·8 | 148·3 | 73·8 | 0·796 | 73 | 186 | E S E | 70 | 0·02 | Cloudy. |
| 8 | 29·717 | 0·142 | 80·6 | 74·3 | 94·3 | 77·5 | 146·2 | 75·7 | 0·765 | 73 | 205 | S E | 83 | 0·49 | Cloudy : rain : th. W. |
| 9 | 29·685 | 0·142 | 84·4 | 74·6 | 92·6 | 76·8 | 144·2 | 74·4 | 0·726 | 60 | 192 | S by E | 92 | ... | Cloudy. |
| 10 | 29·672 | 0·153 | 85·2 | 72·9 | 92·4 | 78·6 | 117·2 | 75·1 | 0·644 | 53 | 296 | S S E | 90 | ... | Do. |
| 11 | 29·677 | 0·161 | 88·1 | 73·0 | 98·7 | 79·3 | 141·6 | 77·2 | 0·610 | 46 | 325 | S by E | 57 | ... | Passing clouds. |
| 12 | 29·684 | 0·152 | 88·7 | 73·0 | 99·4 | 79·3 | 146·2 | 77·2 | 0·601 | 45 | 315 | S S E | 43 | ... | Do. |
| 13 | 29·692 | 0·165 | 87·5 | 73·9 | 98·2 | 79·7 | 141·7 | 77·7 | 0·653 | 50 | 286 | S E | 30 | ... | Fine with passing clouds. |
| 14 | 29·733 | 0·139 | 85·6 | 74·8 | 100·8 | 80·9 | 145·2 | 78·8 | 0·717 | 58 | 228 | E by S | 20 | ... | Do. |
| 15 | 29·767 | 0·142 | 85·5 | 75·3 | 98·6 | 79·4 | 148·2 | 77·8 | 0·741 | 60 | 208 | E by N | 47 | 0·02 | Passing clouds. |
| 16 | 29·760 | 0·107 | 82·6 | 76·2 | 92·3 | 73·9 | 135·9 | 72·5 | 0·818 | 73 | 187 | SE by S | 68 | 0·61 | Cloudy day : rain. |
| 17 | 29·746 | 0·106 | 78·0 | 73·8 | 92·3 | 72·2 | 134·5 | 70·8 | 0·779 | 82 | 243 | S E | 88 | 1·72 | Thunderstorm : overcast : rain. |
| 18 | 29·770 | 0·106 | 80·9 | 74·4 | 91·3 | 73·3 | 138·8 | 68·5 | 0·768 | 72 | 198 | S S E | 73 | 0·93 | Thunderstorm : day cloudy : evg. fine. |
| 19 | 29·774 | 0·118 | 84·0 | 75·5 | 94·5 | 76·3 | 142·0 | 73·9 | 0·769 | 66 | 160 | S E | 40 | ... | Fine with light clouds : lg. S. W. |
| 20 | 29·767 | 0·113 | 85·3 | 74·4 | 96·3 | 77·6 | 139·3 | 74·9 | 0·706 | 58 | 201 | E S E | 40 | ... | Do. |
| 21 | 30·744 | 0·119 | 84·8 | 75·2 | 92·6 | 78·8 | 131·0 | 76·9 | 0·746 | 62 | 214 | SE by S | 72 | ... | Cloudy. |
| 22 | 29·731 | 0·137 | 83·3 | 74·5 | 89·8 | 78·8 | 130·1 | 76·6 | 0·736 | 63 | 140 | S E | 92 | ... | Do. |
| 23 | 29·735 | 0·144 | 84·2 | 73·5 | 94·8 | 77·3 | 132·4 | 74·4 | 0·683 | 59 | 241 | E S E | 57 | ... | Light clouds : th. and lg. S. |
| 24 | 29·782 | 0·137 | 83·7 | 75·2 | 95·7 | 78·6 | 138·4 | 76·2 | 0·761 | 65 | 229 | E by S | 33 | 0·04 | Chiefly fine. |
| 25 | 29·799 | 0·145 | 83·4 | 75·6 | 97·0 | 76·5 | 140·7 | 74·6 | 0·782 | 68 | 177 | East | 48 | ... | Passing clouds. |
| 26 | 29·778 | 0·142 | 83·4 | 77·4 | 97·1 | 79·8 | 144·4 | 77·0 | 0·860 | 75 | 139 | E S E | 87 | 0·86 | Cloudy : rain : th. and lg. |
| 27 | 29·802 | 0·113 | 79·6 | 75·6 | 87·6 | 74·1 | 132·1 | 72·9 | 0·833 | 82 | 171 | E S E | 83 | 1·58 | Heavy thunderstorm : day cloudy. |
| 28 | 29·815 | 0·141 | 81·4 | 76·5 | 86·8 | 77·3 | 116·0 | 75·0 | 0·847 | 79 | 97 | SW by W | 80 | 0·81 | Cloudy : rain. |
| 29 | 29·821 | 0·142 | 79·7 | 76·3 | 88·0 | 73·7 | 140·9 | 72·3 | 0·862 | 85 | 95 | E by S | 70 | 1·10 | Thunderstorm : day cloudy. |
| 30 | 29·784 | 0·141 | 80·5 | 75·5 | 87·8 | 74·1 | 138·8 | 72·0 | 0·816 | 78 | 132 | N E | 37 | ... | Fine with passing clouds : lg. N. W. |
| Mean | 29·754 | 0·135 | 83·4 | 75·1 | 93·7 | 77·1 | 137·9 | 74·8 | 0·762 | 67 | 189 | SE by E | 61 | 8·18 | |

## Madras Meteorological Observations. 1871—October.

| October 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·804 | 0·122 | 81·5 | 75·4 | 88·9 | 75·2 | 140·7 | 72·4 | 0·800 | 74 | 144 | SW by S | 37 | ... | Fine with passing clouds : lg. S. & W. |
| 2 | 29·784 | 0·123 | 80·6 | 75·8 | 87·0 | 76·2 | ... | 73·9 | 0·828 | 79 | 99 | S by W | 53 | 0·03 | Cloudy day : fine night. |
| 3 | 29·804 | 0·117 | 80·6 | 75·5 | 90·2 | 75·9 | 134·8 | 73·6 | 0·815 | 78 | 101 | S by E | 27 | 0·01 | Fine with passing clouds. |
| 4 | 29·831 | 0·126 | 81·4 | 76·1 | 91·8 | 75·6 | 141·6 | 73·2 | 0·830 | 77 | 126 | S by W | 30 | ... | Fine with passing cls : th. & lg. W. |
| 5 | 29·830 | 0·119 | 80·7 | 75·5 | 92·9 | 75·3 | 137·1 | 74·1 | 0·813 | 78 | 145 | S S W | 43 | 0·74 | Fine with p. clouds : thunderstorm. |
| 6 | 29·817 | 0·105 | 81·1 | 75·5 | 92·9 | 73·6 | 138·6 | 72·2 | 0·809 | 77 | 118 | SW by S | 53 | ... | Passing clouds : th. and lg. W. |
| 7 | 29·777 | 0·104 | 81·1 | 76·3 | 93·6 | 77·0 | 140·6 | 74·4 | 0·843 | 79 | 108 | W S W | 43 | 0·21 | Passing clouds . th. and lg. : rain. |
| 8 | 29·783 | 0·100 | 83·8 | 76·9 | 95·3 | 76·7 | 139·6 | 73·8 | 0·832 | 72 | 119 | NWbyW | 28 | ... | Fine with passing clouds. |
| 9 | 29·797 | 0·109 | 84·0 | 75·3 | 96·0 | 75·1 | 139·7 | 69·8 | 0·761 | 64 | 107 | N by E | 47 | ... | Fine with light clouds : lg. W. |
| 10 | 29·810 | 0·106 | 82·4 | 74·6 | 93·8 | 76·0 | 139·9 | 71·4 | 0·753 | 68 | 74 | W by S | 70 | ... | Cloudy. |
| 11 | 29·783 | 0·126 | 83·2 | 76·5 | 95·2 | 76·8 | 138·7 | 72·4 | 0·823 | 73 | 105 | S by W | 43 | ... | Fine with light clouds. |
| 12 | 29·777 | 0·129 | 82·8 | 75·7 | 93·2 | 75·8 | 140·9 | 71·7 | 0·794 | 71 | 111 | S by E | 18 | ... | Fine. |
| 13 | 29·793 | 0·125 | 82·2 | 75·6 | 89·3 | 76·4 | 141·6 | 72·8 | 0·797 | 73 | 122 | SE by S | 33 | ... | Fine with light clouds. |
| 14 | 29·844 | 0·114 | 83·2 | 76·0 | 88·4 | 77·1 | 138·2 | 73·4 | 0·802 | 70 | 150 | SE by S | 37 | ... | Do. |
| 15 | 29·893 | 0·114 | 83·2 | 76·1 | 89·3 | 76·2 | 141·2 | 73·0 | 0·806 | 71 | 126 | E S E | 70 | 0·05 | Cloudy. |
| 16 | 29·914 | 0·119 | 81·2 | 75·5 | 89·6 | 77·8 | 137·1 | 73·3 | 0·808 | 76 | 132 | E by N | 57 | 0·02 | Passing clouds. |
| 17 | 29·913 | 0·033 | 77·3 | 74·4 | 85·6 | 75·6 | 102·1 | 74·3 | 0·814 | 86 | 66 | E by N | 90 | 1·90 | Overcast with rain : th. |
| 18 | 29·896 | 0·133 | 76·8 | 74·9 | 81·6 | 74·0 | 103·1 | 72·3 | 0·840 | 91 | 55 | NWbyW | 98 | 0·89 | Overcast : frequent rain : th. |
| 19 | 29·921 | 0·103 | 78·4 | 75·7 | 88·6 | 75·1 | 139·1 | 74·3 | 0·853 | 88 | 110 | N N E | 83 | 0·89 | Cloudy with frequent showers. |
| 20 | 29·909 | 0·112 | 78·6 | 75·4 | 84·2 | 74·8 | 124·8 | 73·3 | 0·838 | 85 | 96 | N by W | 70 | 0·11 | Passing clouds and showers. |
| 21 | 29·880 | 0·114 | 80·1 | 74·7 | 87·5 | 74·2 | 133·7 | 72·1 | 0·788 | 76 | 122 | NE by N | 33 | ... | Fine with light clouds. |
| 22 | 29·857 | 0·111 | 79·4 | 74·1 | 87·4 | 72·9 | 134·1 | 69·8 | 0·773 | 78 | 159 | North | 80 | ... | Cloudy. |
| 23 | 29·790 | 0·108 | 77·7 | 73·9 | 82·7 | 74·5 | 96·1 | 72·3 | 0·788 | 83 | 149 | N N W | 97 | 0·21 | Cloudy : rain. |
| 24 | 29·739 | 0·126 | 73·6 | 69·3 | 77·4 | 70·0 | 86·6 | 66·3 | 0·659 | 80 | 124 | W by N | 100 | 1·15 | Overcast : rain. |
| 25 | 29·731 | 0·120 | 78·6 | 71·5 | 89·9 | 72·4 | 140·5 | 67·7 | 0·678 | 70 | 112 | West | 87 | ... | Cloudy. |
| 26 | 29·798 | 0·124 | 79·3 | 71·4 | 91·3 | 70·0 | 137·4 | 69·3 | 0·665 | 66 | 83 | N W | 47 | ... | Fine with light clouds. |
| 27 | 29·839 | 0·116 | 79·3 | 74·5 | 92·2 | 72·1 | 137·1 | 69·8 | 0·791 | 79 | 82 | S S E | 47 | ... | Fine with passing clouds. |
| 28 | 29·875 | 0·094 | 80·3 | 74·6 | 90·7 | 74·2 | 137·7 | 69·3 | 0·781 | 76 | 110 | SE by E | 23 | ... | Fine. |
| 29 | 29·919 | 0·095 | 79·3 | 73·5 | 87·9 | 73·4 | 136·1 | 69·8 | 0·749 | 75 | 82 | NE by E | 15 | ... | Do. |
| 30 | 29·893 | 0·117 | 77·1 | 71·9 | 87·8 | 68·2 | 132·8 | 62·1 | 0·713 | 76 | 91 | N E | 2 | ... | Clear. |
| 31 | 29·890 | 0·100 | 79·6 | 72·6 | 89·4 | 69·4 | 136·2 | 65·1 | 0·708 | 70 | 145 | N by E | 35 | ... | Fine with passing clouds. |
| Mean | 29·835 | 0·112 | 80·3 | 74·7 | 89·4 | 74·4 | 132·3 | 71·3 | 0·786 | 76 | 112 | E S E | 51 | 6·21 | |

# Madras Meteorological Observations. 1871—November.

| November 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·905 | 0·096 | 73·6 | 72·2 | 76·2 | 70·1 | 100·6 | 68·9 | 0·772 | 93 | 170 | N W | 100 | 4·84 | Overcast : th. & lg. N. W. : heavy rain. |
| 2 | 29·903 | 0·112 | 79·5 | 76·1 | 86·7 | 74·2 | 139·3 | 72·4 | 0·856 | 85 | 175 | N N E | 53 | 0·54 | Passing clouds and rain. |
| 3 | 29·927 | 0·112 | 81·2 | 76·3 | 87·5 | 77·2 | 136·0 | 74·5 | 0·841 | 78 | 188 | E N E | 37 | ... | Fine with passing clouds. |
| 4 | 29·914 | 0·087 | 80·4 | 75·2 | 87·3 | 75·2 | 136·1 | 73·6 | 0·805 | 77 | 192 | N N E | 50 | 0·02 | Passing clouds. |
| 5 | 29·906 | 0·123 | 79·5 | 73·5 | 86·8 | 74·3 | 136·6 | 70·4 | 0·746 | 74 | 201 | N by E | 30 | ... | Fine with passing clouds. |
| 6 | 29·851 | 0·093 | 75·6 | 72·8 | 77·5 | 74·1 | 81·1 | 71·0 | 0·770 | 87 | 294 | North | 97 | 3·71 | Overcast : rain. |
| 7 | 29·825 | 0·029 | 76·7 | 73·7 | 80·7 | 75·2 | 101·6 | 72·4 | 0·793 | 86 | 396 | E by S | 100 | 1·43 | Do. do. |
| 8 | 29·857 | 0·110 | 75·8 | 73·7 | 81·7 | 74·9 | 135·7 | 72·4 | 0·805 | 91 | 150 | S E | 90 | 4·81 | Overcast : th. and lg. E. : heavy rain. |
| 9 | 29·870 | 0·108 | 79·0 | 75·0 | 84·8 | 74·1 | 134·9 | 73·4 | 0·816 | 82 | 144 | E S E | 67 | 0·29 | Passing clouds : rain. |
| 10 | 29·877 | 0·117 | 79·6 | 74·8 | 85·8 | 73·0 | 136·5 | 71·5 | 0·799 | 79 | 177 | E by N | 57 | 0·34 | Fine with passing clouds & showers. |
| 11 | 29·867 | 0·112 | 78·4 | 73·7 | 85·9 | 72·4 | 136·1 | 68·1 | 0·769 | 79 | 154 | NE by N | 30 | ... | Fine with passing clouds. |
| 12 | 29·815 | 0·092 | 79·4 | 76·1 | 85·5 | 75·1 | 133·8 | 72·3 | 0·857 | 86 | 192 | N N E | 40 | 0·05 | Fine with passing clouds & showers. |
| 13 | 29·849 | 0·093 | 79·8 | 76·4 | 85·6 | 75·6 | 133·7 | 71·7 | 0·865 | 85 | 134 | NE by N | 63 | 0·12 | Cloudy : shower. |
| 14 | 29·937 | 0·069 | 79·9 | 76·5 | 87·2 | 77·1 | 142·9 | 73·4 | 0·869 | 85 | 137 | NE by E | 85 | 0·34 | Cloudy : rain |
| 15 | 29·929 | 0·143 | 77·9 | 75·7 | 85·1 | 74·2 | 131·4 | 72·8 | 0·860 | 90 | 168 | NE by E | 77 | 2·02 | Passing clouds : rain. |
| 16 | 29·942 | 0·133 | 79·4 | 75·9 | 86·7 | 74·6 | 134·2 | 70·9 | 0·849 | 85 | 60 | E by N | 30 | 0·01 | Fine with passing clouds. |
| 17 | 29·991 | 0·107 | 80·2 | 75·2 | 87·3 | 74·6 | 136·5 | 69·9 | 0·808 | 78 | 94 | N E | 37 | ... | Fine : light clouds. |
| 18 | 29·986 | 0·113 | 79·6 | 74·5 | 86·4 | 73·7 | 135·6 | 71·7 | 0·787 | 78 | 119 | NE by N | 50 | ... | Fine with passing clouds. |
| 19 | 29·958 | 0·112 | 78·8 | 73·4 | 85·8 | 74·6 | 136·6 | 70·5 | 0·751 | 76 | 131 | NE by N | 43 | ... | Passing clouds. |
| 20 | 29·944 | 0·109 | 78·7 | 72·9 | 86·3 | 72·6 | 144·6 | 68·4 | 0·732 | 75 | 177 | N N E | 57 | ... | Do. |
| 21 | 29·918 | 0·143 | 78·6 | 72·8 | 80·9 | 78·2 | 93·0 | 73·9 | 0·730 | 75 | 253 | N N E | 97 | 0·11 | Cloudy. |
| 22 | 29·920 | 0·137 | 76·4 | 73·6 | 78·8 | 76·0 | 95·5 | 72·5 | 0·792 | 87 | 170 | N N E | 98 | 2·90 | Overcast. |
| 23 | 29·923 | 0·086 | 74·1 | 73·1 | 74·9 | 73·5 | 77·1 | 72·9 | 0·803 | 95 | 134 | N N E | 100 | 1·23 | Do. |
| 24 | 29·948 | 0·123 | 77·9 | 74·6 | 84·8 | 73·4 | 134·3 | 71·5 | 0·815 | 85 | 100 | NE by E | 72 | 0·29 | Cloudy. |
| 25 | 29·980 | 0·090 | 72·3 | 71·4 | 74·5 | 73·2 | 77·3 | 72·1 | 0·758 | 95 | 102 | N N E | 98 | 3·36 | Overcast. |
| 26 | 29·949 | 0·114 | 77·1 | 72·1 | 84·5 | 70·5 | 135·0 | 66·1 | 0·722 | 77 | 176 | N N E | 27 | ... | Fine with passing clouds. |
| 27 | 29·945 | 0·094 | 78·2 | 71·7 | 84·7 | 73·4 | 133·4 | 66·5 | 0·691 | 72 | 195 | N N E | 27 | ... | Do. |
| 28 | 29·967 | 0·087 | 78·1 | 71·8 | 85·6 | 71·5 | 136·4 | 66·4 | 0·697 | 73 | 167 | NE by N | 35 | ... | Passing clouds. |
| 29 | 29·949 | 0·117 | 76·3 | 71·7 | 84·2 | 71·2 | 132·6 | 65·7 | 0·717 | 79 | 126 | N N E | 65 | ... | Chiefly cloudy. |
| 30 | 29·919 | 0·126 | 76·7 | 71·2 | 85·3 | 71·4 | 134·1 | 66·3 | 0·691 | 75 | 104 | N N E | 43 | ... | Fine with passing clouds. |
| Mean | 29·916 | 0·106 | 78·0 | 73·9 | 83·8 | 74·0 | 125·1 | 70·8 | 0·786 | 82 | 166 | N E | 62 | 26·41 | |

# Madras Meteorological Observations. 1871—December.

| December 1871 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·926 | 0·116 | 76·1 | 71·1 | 84·3 | 70·5 | 136·7 | 65·5 | 0·696 | 77 | 103 | N N E | 27 | ... | Fine with passing clouds. |
| 2 | 29·977 | 0·105 | 76·2 | 71·1 | 87·3 | 69·2 | 141·0 | 63·2 | 0·695 | 77 | 104 | N E | 33 | ... | Do. |
| 3 | 29·993 | 0·102 | 77·5 | 72·4 | 85·9 | 70·5 | 136·5 | 65·4 | 0·729 | 77 | 117 | N E | 57 | ... | Passing clouds. |
| 4 | 29·999 | 0·110 | 76·8 | 72·5 | 85·6 | 71·4 | 136·3 | 65·4 | 0·742 | 81 | 117 | N E by N | 47 | ... | Fine with passing clouds. |
| 5 | 30·001 | 0·118 | 77·4 | 71·6 | 85·8 | 71·6 | 132·5 | 66·2 | 0·698 | 74 | 180 | N E by N | 57 | ... | Passing clouds. |
| 6 | 29·981 | 0·122 | 78·3 | 69·5 | 84·9 | 73·3 | 131·3 | 65·0 | 0·605 | 62 | 210 | N E by N | 10 | ... | Fine. |
| 7 | 29·989 | 0·107 | 77·7 | 70·8 | 84·7 | 72·3 | 134·5 | 65·4 | 0·663 | 70 | 213 | N E by N | 30 | ... | Fine with passing clouds. |
| 8 | 30·004 | 0·117 | 77·3 | 71·4 | 85·7 | 70·3 | 134·0 | 63·2 | 0·690 | 73 | 125 | N E by N | 13 | ... | Fine. |
| 9 | 29·967 | 0·118 | 76·7 | 71·0 | 85·4 | 69·3 | 133·2 | 62·4 | 0·683 | 74 | 137 | N E | 30 | ... | Fine with passing clouds. |
| 10 | 29·955 | 0·121 | 76·3 | 70·9 | 84·5 | 70·3 | 134·5 | 64·3 | 0·685 | 75 | 142 | N N E | 50 | ... | Passing clouds. |
| 11 | 29·960 | 0·100 | 77·4 | 73·7 | 86·7 | 74·2 | 140·5 | 69·4 | 0·783 | 83 | 111 | N E by N | 50 | ... | Do. |
| 12 | 29·991 | 0·137 | 78·1 | 73·7 | 87·4 | 72·8 | 141·3 | 63·7 | 0·774 | 80 | 104 | N E by E | 33 | ... | Fine with passing clouds. |
| 13 | 30·038 | 0·116 | 78·9 | 74·9 | 87·8 | 74·7 | 144·0 | 71·0 | 0·813 | 82 | 169 | N E | 50 | 0·05 | Passing clouds. |
| 14 | 30·015 | 0·108 | 79·0 | 74·0 | 85·7 | 76·3 | 137·8 | 72·4 | 0·774 | 78 | 249 | N E | 80 | 0·05 | Cloudy. |
| 15 | 30·061 | 0·082 | 79·6 | 71·5 | 85·5 | 77·2 | 135·3 | 73·4 | 0·665 | 66 | 314 | N E by N | 55 | ... | Passing clouds. |
| 16 | 30·023 | 0·120 | 78·7 | 70·1 | 84·9 | 74·7 | 136·3 | 68·5 | 0·623 | 63 | 321 | N E by N | 49 | ... | Fine with passing clouds. |
| 17 | 30·033 | 0·101 | 79·7 | 71·0 | 86·3 | 75·1 | 135·9 | 68·9 | 0·643 | 63 | 316 | N E | 60 | ... | Passing clouds. |
| 18 | 30·030 | 0·102 | 78·3 | 69·1 | 84·5 | 75·0 | 134·1 | 68·1 | 0·590 | 61 | 307 | N E by E | 37 | ... | Fine with passing clouds. |
| 19 | 30·021 | 0·099 | 74·3 | 70·6 | 84·7 | 67·3 | 137·2 | 60·8 | 0·700 | 83 | 136 | N E by N | 63 | 0·11 | Cloudy. |
| 20 | 29·988 | 0·122 | 76·1 | 72·2 | 85·6 | 70·4 | 135·4 | 66·3 | 0·739 | 82 | 150 | N E by N | 58 | 0·17 | Passing clouds. |
| 21 | 29·957 | 0·133 | 77·0 | 70·0 | 84·6 | 72·0 | 133·7 | 66·3 | 0·641 | 69 | 221 | N E by N | 27 | ... | Fine with passing clouds. |
| 22 | 29·936 | 0·121 | 76·8 | 69·7 | 84·9 | 68·1 | 149·3 | 62·8 | 0·633 | 69 | 120 | N E by E | 29 | ... | Fine. |
| 23 | 29·927 | 0·124 | 77·5 | 71·2 | 84·4 | 69·8 | 136·7 | 65·3 | 0·680 | 72 | 72 | E S E | 27 | ... | Fine with passing clouds. |
| 24 | 29·964 | 0·104 | 76·5 | 70·8 | 85·7 | 69·5 | 132·2 | 64·1 | 0·678 | 74 | 78 | E by S | 17 | ... | Fine. |
| 25 | 29·968 | 0·114 | 76·8 | 71·3 | 86·0 | 69·1 | 145·2 | 63·5 | 0·694 | 75 | 102 | N E by E | 53 | ... | Passing clouds. |
| 26 | 29·978 | 0·139 | 77·8 | 71·4 | 86·1 | 70·1 | 135·0 | 64·6 | 0·685 | 71 | 136 | N E | 37 | ... | Fine with passing clouds. |
| 27 | 29·984 | 0·127 | 75·9 | 70·0 | 83·9 | 70·9 | 115·5 | 64·1 | 0·655 | 73 | 232 | N E by N | 45 | 0·05 | Passing clouds. |
| 28 | 29·997 | 0·113 | 78·5 | 68·9 | 85·4 | 74·2 | 136·9 | 69·1 | 0·589 | 60 | 303 | N E | 37 | ... | Do. |
| 29 | 30·022 | 0·107 | 78·6 | 70·5 | 86·1 | 73·1 | 140·4 | 68·2 | 0·639 | 66 | 242 | N E by N | 67 | ... | Do. |
| 30 | 29·999 | 0·110 | 78·3 | 71·0 | 86·0 | 73·1 | 135·3 | 68·9 | 0·662 | 69 | 242 | N E by N | 68 | ... | Fine with passing clouds. |
| 31 | 30·004 | 0·111 | 76·2 | 70·8 | 84·7 | 71·2 | 129·0 | 66·4 | 0·682 | 75 | 194 | N N E | 83 | ... | Cloudy. |
| Mean | 29·991 | 0·114 | 77·4 | 71·2 | 85·5 | 71·9 | 135·8 | 66·2 | 0·684 | 73 | 180 | N E | 44 | 0·13 | |

## Madras Mean Monthly and Annual Meteorological Results in 1871.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·960 | 0·119 | 75·6 | 84·6 | 68·9 | 15·7 | 69·9 | 66·9 | 0·657 | 74 | 134·3 | 64·1 | 162 | 1 | N by E | 0·44 | 3 | 54 |
| February | 29·928 | 0·128 | 77·2 | 87·8 | 68·5 | 19·3 | 71·3 | 67·3 | 0·692 | 74 | 137·6 | 63·4 | 126 | 5 | N E by E | 0·02 | 1 | 74 |
| March | 29·910 | 0·134 | 79·9 | 90·0 | 71·6 | 18·4 | 73·6 | 70·2 | 0·748 | 73 | 136·6 | 67·5 | 145 | 9 | E by S | 1·19 | 3 | 74 |
| April | 29·833 | 0·137 | 84·1 | 92·6 | 77·3 | 15·3 | 77·4 | 75·0 | 0·851 | 73 | 139·0 | 73·9 | 192 | 10 | E S E | 0·01 | 1 | 72 |
| May | 29·751 | 0·122 | 87·0 | 98·4 | 80·9 | 17·5 | 77·3 | 74·8 | 0·806 | 63 | 142·2 | 79·1 | 222 | 12 | S E | 0·31 | 2 | 58 |
| June | 29·685 | 0·128 | 86·7 | 98·8 | 81·1 | 17·7 | 75·3 | 72·5 | 0·725 | 57 | 140·9 | 79·4 | 248 | 16 | South | 2·84 | 13 | 28 |
| July | 29·720 | 0·119 | 83·8 | 94·3 | 77·8 | 16·5 | 74·8 | 71·9 | 0·713 | 64 | 132·5 | 75·8 | 204 | 17 | S by W | 8·88 | 15 | 20 |
| August | 29·754 | 0·124 | 84·8 | 95·3 | 78·4 | 16·9 | 75·6 | 72·7 | 0·763 | 64 | 135·8 | 76·3 | 190 | 15 | S by E | 1·43 | 10 | 38 |
| September | 29·754 | 0·135 | 83·4 | 93·7 | 77·1 | 16·6 | 75·1 | 72·2 | 0·762 | 67 | 137·9 | 74·8 | 189 | 11 | S E by E | 8·18 | 11 | 39 |
| October | 29·835 | 0·112 | 80·3 | 89·4 | 74·4 | 15·0 | 74·7 | 72·1 | 0·786 | 76 | 132·3 | 71·3 | 112 | 10 | E S E | 6·21 | 12 | 49 |
| November | 29·916 | 0·106 | 78·0 | 83·8 | 74·0 | 9·8 | 73·9 | 71·8 | 0·786 | 82 | 125·1 | 70·8 | 166 | 4 | N E | 26·41 | 18 | 38 |
| December | 29·991 | 0·114 | 77·4 | 85·5 | 71·9 | 13·6 | 71·2 | 68·7 | 0·684 | 73 | 135·8 | 66·2 | 180 | 4 | N E | 0·43 | 5 | 56 |
| Annual | 29·836 | 0·123 | 81·5 | 91·2 | 75·2 | 16·0 | 74·2 | 71·3 | 0·750 | 70 | 135·8 | 71·9 | 178 | 10 | E S E | 56·35 | 94 | 50 |

## Madras Extreme Monthly Meteorological Records in 1871.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·110 | 28 | 29·821 | 17 | 0·289 | 87·2 | 18 | 62·2 | 30 | 60·8 | 30 | 51 | 29 | 141·6 | 26 | 55·8 | 30 | 231 | 15 | 86 | 29 | 0·29 | 19 |
| February | 30·111 | 1 | 29·820 | 17 | 0·291 | 91·8 | 17 | 62·6 | 6 | 62·2 | 6 | 48 | 15 | 144·5 | 23 | 55·4 | 6 | 181 | 12 | 64 | 23 | 0·02 | 27 |
| March | 30·050 | 9 | 29·771 | 3 | 0·279 | 94·9 | 22 | 65·2 | 11 | 64·2 | 11 | 44 | 14 | 143·4 | 29 | 60·7 | 11 | 291 | 3 | 72 | 11 | 0·61 | 5 |
| April | 30·041 | 11 | 29·636 | 23 | 0·405 | 98·4 | 21 | 72·9 | 4 | 71·6 | 4 | 37 | 24 | 144·3 | 24 | 68·3 | 1 | 306 | 16 | 109 | 27 | 0·01 | 27 |
| May | 29·868 | 1 | 29·616 | 22 | 0·252 | 104·3 | 21 | 75·5 | 15 | 70·4 | 9 | 28 | 21 | 150·1 | 17 | 73·1 | 15 | 336 | 25 | 138 | 4 | 0·23 | 15 |
| June | 29·838 | 30 | 29·515 | 5 | 0·323 | 103·7 | 26 | 75·3 | 4 | 69·2 | 23 | 28 | 25 | 148·7 | 18 | 74·7 | 4 | 355 | 23 | 177 | 11 | 2·02 | 4 |
| July | 29·848 | 23 | 29·575 | 11 | 0·273 | 102·6 | 10 | 73·1 | 2 | 69·4 | 31 | 37 | 7 | 152·4 | 10 | 71·4 | 16 | 250 | 22 | 144 | 17 | 4·07 | 12 |
| August | 29·909 | 26 | 29·609 | 9 | 0·300 | 100·2 | 21 | 74·2 | 20 | 69·0 | 31 | 40 | 10 | 149·6 | 26 | 71·4 | 1 | 232 | 15 | 117 | 29 | 0·44 | 29 |
| September | 29·889 | 29 | 29·587 | 11 | 0·302 | 100·8 | 14 | 72·2 | 17 | 69·7 | 13 | 34 | 11 | 148·3 | 7 | 68·5 | 18 | 325 | 11 | 93 | 2 | 1·72 | 17 |
| October | 29·969 | 16 | 29·672 | 25 | 0·297 | 96·0 | 9 | 68·2 | 30 | 67·5 | 30 | 42 | 9 | 141·6 | 4 | 62·1 | 30 | 159 | 22 | 55 | 18 | 1·90 | 17 |
| November | 30·048 | 18 | 29·768 | 12 | 0·280 | 87·5 | 3 | 70·1 | 1 | 68·7 | 1 | 59 | 5 | 144·6 | 20 | 65·7 | 29 | 396 | 7 | 60 | 16 | 4·84 | 1 |
| December | 30·109 | 15 | 29·869 | 1 | 0·240 | 87·8 | 13 | 67·3 | 19 | 65·1 | 19 | 53 | 28 | 145·2 | 25 | 60·8 | 19 | 321 | 16 | 72 | 23 | 0·17 | 20 |

## Madras Meteorological Observations, 1872—January.

| January 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·028 | 0·081 | 77·1 | 69·4 | 85·4 | 69·4 | 133·6 | 64·1 | 0·617 | 66 | 217 | N E | 23 | ... | Fine with passing clouds. |
| 2 | 30·019 | 0·109 | 78·1 | 69·9 | 85·2 | 74·3 | 134·5 | 69·4 | 0·624 | 64 | 252 | N E by E | 40 | ... | Do. |
| 3 | 29·983 | 0·112 | 76·2 | 69·9 | 85·1 | 69·4 | 136·2 | 64·1 | 0·648 | 72 | 178 | N E | 47 | ... | Passing clouds. |
| 4 | 29·971 | 0·109 | 77·7 | 69·8 | 84·7 | 70·7 | 134·1 | 65·7 | 0·624 | 65 | 199 | N E | 37 | .. | Fine with passing clouds. |
| 5 | 29·983 | 0·098 | 75·1 | 69·1 | 84·8 | 67·1 | 137·8 | 61·6 | 0·632 | 72 | 149 | N E | 30 | ... | Do. |
| 6 | 29·984 | 0·132 | 74·0 | 67·8 | 85·9 | 65·4 | 135·0 | 58·7 | 0·598 | 71 | 130 | NE by N | 20 | ... | Fine with light clouds. |
| 7 | 29·956 | 0·144 | 72·6 | 66·2 | 84·5 | 63·1 | 132·1 | 56·9 | 0·560 | 69 | 108 | N E | 10 | ... | Fine. |
| 8 | 29·926 | 0·144 | 72·2 | 65·8 | 83·6 | 65·6 | 136·0 | 61·1 | 0·550 | 69 | 87 | NE by E | 12 | ... | Do. |
| 9 | 29·931 | 0·137 | 72·8 | 67·9 | 86·7 | 63·8 | 134·7 | 56·6 | 0·618 | 76 | 97 | E S E | 0 | ... | Clear. |
| 10 | 30·000 | 0·120 | 73·6 | 68·9 | 86·2 | 65·1 | 134·6 | 58·5 | 0·646 | 78 | 107 | East | 20 | ... | Fine with light clouds. |
| 11 | 29·972 | 0·134 | 75·3 | 69·4 | 84·4 | 67·8 | 135·5 | 62·7 | 0·641 | 72 | 153 | E N E | 43 | ... | Fine with passing clouds. |
| 12 | 29·985 | 0·106 | 75·8 | 66·6 | 83·8 | 68·0 | 135·3 | 62·5 | 0·530 | 60 | 150 | E N E | 53 | ... | Do. |
| 13 | 29·995 | 0·116 | 74·4 | 66·8 | 84·3 | 66·6 | 137·9 | 61·0 | 0·557 | 66 | 133 | N E | 50 | ... | Do. |
| 14 | 29·986 | 0·114 | 75·0 | 67·0 | 85·4 | 66·7 | 134·4 | 61·4 | 0·556 | 64 | 156 | N E | 37 | ... | Do. |
| 15 | 30·001 | 0·111 | 74·4 | 66·9 | 84·7 | 64·8 | 136·1 | 58·9 | 0·561 | 66 | 155 | NE by E | 43 | ... | Do. |
| 16 | 30·021 | 0·119 | 74·4 | 67·2 | 84·1 | 64·1 | 134·0 | 58·7 | 0·572 | 67 | 135 | N E | 47 | ... | Do. |
| 17 | 29·998 | 0·141 | 73·3 | 66·5 | 84·2 | 64·2 | 132·5 | 57·3 | 0·561 | 69 | 158 | NE by N | 30 | ... | Do. |
| 18 | 29·998 | 0·120 | 72·6 | 67·0 | 85·7 | 63·5 | 134·4 | 57·5 | 0·588 | 74 | 139 | NE by N | 27 | ... | Do. |
| 19 | 30·027 | 0·116 | 76·4 | 69·6 | 86·3 | 65·3 | 135·4 | 58·5 | 0·633 | 70 | 171 | NE by N | 30 | ... | Do. |
| 20 | 30·047 | 0·135 | 77·6 | 69·1 | 86·3 | 73·9 | 138·0 | 69·5 | 0·599 | 63 | 180 | N E | 23 | ... | Do. |
| 21 | 29·996 | 0·159 | 75·9 | 68·6 | 85·3 | 65·9 | 134·6 | 60·7 | 0·602 | 68 | 201 | N E | 33 | ... | Do. |
| 22 | 29·997 | 0·140 | 73·1 | 65·9 | 85·2 | 64·5 | 133·5 | 58·2 | 0·542 | 66 | 139 | N E | 48 | ... | Do. |
| 23 | 29·964 | 0·133 | 75·3 | 68·7 | 85·9 | 64·5 | 136·0 | 59·2 | 0·615 | 71 | 141 | NE by N | 20 | ... | Do. |
| 24 | 29·964 | 0·126 | 76·9 | 70·9 | 85·2 | 67·1 | 134·5 | 62·2 | 0·677 | 73 | 157 | NE by N | 37 | ... | Do. |
| 25 | 29·963 | 0·122 | 78·9 | 72·7 | 85·2 | 75·3 | 136·3 | 72·2 | 0·722 | 73 | 167 | E by S | 57 | ... | Do. |
| 26 | 29·977 | 0·134 | 77·1 | 69·7 | 86·2 | 69·5 | 136·5 | 65·0 | 0·628 | 67 | 147 | E by N | 40 | ... | Passing clouds. |
| 27 | 29·972 | 0·126 | 76·0 | 68·4 | 85·9 | 66·2 | 139·7 | 60·5 | 0·594 | 66 | 161 | NE by E | 47 | ... | Fine with passing clouds. |
| 28 | 29·997 | 0·083 | 76·9 | 69·6 | 86·4 | 69·5 | 137·8 | 65·0 | 0·627 | 68 | 231 | N E | 60 | ... | Passing clouds. |
| 29 | 30·015 | 0·112 | 76·5 | 68·7 | 85·7 | 66·3 | 133·7 | 60·5 | 0·598 | 66 | 209 | NE by N | 32 | ... | Fine with passing clouds. |
| 30 | 30·012 | 0·128 | 77·3 | 71·6 | 86·3 | 70·7 | 135·8 | 67·0 | 0·699 | 75 | 236 | N E | 63 | ... | Passing clouds. |
| 31 | 30·003 | 0·118 | 78·5 | 70·2 | 86·2 | 74·2 | 139·7 | 69·5 | 0·628 | 64 | 224 | E N E | 37 | ... | Fine with passing clouds. |
| Mean | 29·989 | 0·122 | 75·5 | 68·6 | 85·3 | 67·5 | 135·5 | 62·1 | 0·608 | 69 | 163 | NE by E | 35 | *Nil* | |

# Madras Meteorological Observations. 1872—February.

| February 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·995 | 0·115 | 77·0 | 70·6 | 85·5 | 68·7 | 133·3 | 63·0 | 0·663 | 71 | 162 | NE by E | 30 | ... | Fine with passing clouds. |
| 2 | 29·979 | 0·119 | 77·1 | 69·8 | 86·8 | 67·2 | 137·7 | 61·7 | 0·632 | 68 | 146 | E N E | 37 | ... | Do. |
| 3 | 29·954 | 0·146 | 77·2 | 70·1 | 86·4 | 67·5 | 138·5 | 63·0 | 0·643 | 69 | 146 | E N E | 37 | ... | Do. |
| 4 | 29·938 | 0·119 | 77·5 | 70·8 | 86·3 | 69·1 | 135·3 | 64·3 | 0·666 | 71 | 130 | East | 27 | ... | Do. |
| 5 | 29·907 | 0·138 | 77·6 | 71·8 | 84·7 | 69·1 | 133·5 | 64·0 | 0·703 | 74 | 147 | E S E | 23 | ... | Do. |
| 6 | 29·889 | 0·132 | 76·9 | 72·6 | 85·2 | 71·5 | 134·8 | 67·1 | 0·744 | 81 | 137 | SE by S | 53 | 0·28 | Passing clouds. |
| 7 | 29·875 | 0·131 | 79·3 | 74·2 | 86·7 | 73·0 | 136·7 | 70·3 | 0·777 | 78 | 139 | S S E | 50 | ... | Do. |
| 8 | 29·918 | 0·120 | 79·4 | 74·7 | 89·3 | 72·8 | 141·9 | 68·9 | 0·798 | 79 | 130 | E S E | 37 | ... | Do. |
| 9 | 29·943 | 0·099 | 76·8 | 71·2 | 87·4 | 70·3 | 134·3 | 65·9 | 0·690 | 75 | 86 | East | 33 | ... | Fine with passing clouds. |
| 10 | 29·928 | 0·127 | 74·9 | 69·8 | 86·7 | 66·4 | 134·3 | 60·5 | 0·662 | 77 | 105 | SE by E | 23 | ... | Fine. |
| 11 | 29·922 | 0·125 | 74·7 | 69·2 | 85·0 | 66·2 | 131·3 | 59·0 | 0·641 | 74 | 134 | SE by S | 7 | ... | Clear. |
| 12 | 29·927 | 0·124 | 76·2 | 70·2 | 88·0 | 67·5 | 135·3 | 62·2 | 0·659 | 73 | 149 | S S E | 13 | ... | Fine. |
| 13 | 29·927 | 0·133 | 76·1 | 69·8 | 85·4 | 67·6 | 131·1 | 60·9 | 0·645 | 72 | 154 | SE by S | 13 | ... | Do. |
| 14 | 29·959 | 0·108 | 75·9 | 70·1 | 85·9 | 67·4 | 131·9 | 63·0 | 0·660 | 74 | 132 | SE by S | 7 | ... | Do. |
| 15 | 29·966 | 0·129 | 76·7 | 70·6 | 85·6 | 67·1 | 131·0 | 60·9 | 0·668 | 73 | 121 | SE by S | 13 | ... | Do. |
| 16 | 29·989 | 0·115 | 77·3 | 70·5 | 86·8 | 68·5 | 132·1 | 62·4 | 0·656 | 70 | 109 | S E | 10 | ... | Do. |
| 17 | 29·990 | 0·143 | 77·3 | 69·8 | 86·9 | 68·4 | 131·7 | 62·9 | 0·629 | 67 | 118 | E by S | 5 | ... | Do. |
| 18 | 29·975 | 0·148 | 76·7 | 69·3 | 85·7 | 66·8 | 133·0 | 61·5 | 0·618 | 67 | 122 | East | 17 | ... | Do. |
| 19 | 29·930 | 0·125 | 77·6 | 70·2 | 87·8 | 68·3 | 133·5 | 63·2 | 0·640 | 67 | 143 | E by N | 27 | ... | Fine with passing clouds. |
| 20 | 29·993 | 0·138 | 79·9 | 74·0 | 89·6 | 71·6 | 138·8 | 68·6 | 0·761 | 74 | 161 | E N E | 40 | ... | Passing clouds. |
| 21 | 29·974 | 0·157 | 78·3 | 72·7 | 88·2 | 72·6 | 134·9 | 69·2 | 0·728 | 76 | 103 | E by S | 27 | ... | Fine with passing clouds. |
| 22 | 29·936 | 0·121 | 77·2 | 70·7 | 87·3 | 68·1 | 133·2 | 62·9 | 0·665 | 71 | 113 | SE by S | 27 | ... | Fine. |
| 23 | 29·973 | 0·082 | 77·5 | 71·2 | 86·3 | 69·9 | 132·8 | 64·9 | 0·680 | 72 | 124 | S E | 20 | ... | Fine with passing clouds. |
| 24 | 30·013 | 0·135 | 76·3 | 70·6 | 87·5 | 68·0 | 133·4 | 63·4 | 0·673 | 74 | 100 | East | 20 | ... | Fine. |
| 25 | 29·992 | 0·120 | 77·6 | 71·1 | 88·0 | 67·9 | 136·2 | 63·2 | 0·676 | 71 | 148 | E N E | 37 | ... | Fine with passing clouds. |
| 26 | 29·934 | 0·132 | 78·0 | 71·2 | 87·3 | 68·5 | 133·5 | 63·4 | 0·674 | 70 | 129 | E N E | 17 | ... | Fine. |
| 27 | 29·946 | 0·116 | 76·0 | 68·9 | 86·9 | 66·9 | 131·7 | 60·6 | 0·613 | 69 | 98 | East | 23 | ... | Fine with light clouds. |
| 28 | 29·964 | 0·107 | 75·5 | 68·2 | 89·6 | 65·1 | 137·5 | 57·9 | 0·593 | 67 | 86 | E by N | 25 | ... | Do. |
| 29 | 29·961 | 0·122 | 77·3 | 69·5 | 89·8 | 67·1 | 136·2 | 62·4 | 0·617 | 66 | 118 | E S E | 7 | ... | Fine with passing clouds. |
| Mean | 29·953 | 0·125 | 77·1 | 70·8 | 87·0 | 68·6 | 134·5 | 63·5 | 0·672 | 72 | 127 | E S E | 24 | 0·28 | |

## Madras Meteorological Observations. 1872—March.

| March 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 29·954 | 0·133 | 75·8 | 68·7 | 85·9 | 68·3 | 133·2 | 63·9 | 0·608 | 69 | 121 | SE by E | 7 | ... | Fine. |
| 2 | 29·975 | 0·117 | 76·6 | 68·5 | 85·8 | 64·8 | 133·5 | 57·9 | 0·590 | 65 | 150 | E S E | 13 | ... | Do. |
| 3 | 29·999 | 0·117 | 76·9 | 69·3 | 86·6 | 63·5 | 137·6 | 57·6 | 0·616 | 67 | 147 | E by S | 30 | ... | Fine with passing clouds. |
| 4 | 30·032 | 0·128 | 81·1 | 73·0 | 89·2 | 76·8 | 139·6 | 74·6 | 0·704 | 67 | 197 | E N E | 23 | ... | Do. |
| 5 | 29·989 | 0·143 | 78·9 | 72·1 | 89·9 | 71·1 | 134·8 | 67·0 | 0·698 | 71 | 96 | East | 7 | ... | Fine. |
| 6 | 29·949 | 0·130 | 79·4 | 73·1 | 89·2 | 70·7 | 136·3 | 65·9 | 0·731 | 73 | 106 | SE by E | 5 | ... | Clear. |
| 7 | 29·947 | 0·119 | 79·8 | 73·6 | 88·1 | 72·1 | 134·1 | 67·5 | 0·746 | 73 | 138 | S E | 10 | ... | Fine. |
| 8 | 29·951 | 0·128 | 79·2 | 73·7 | 88·1 | 71·0 | 133·7 | 65·3 | 0·759 | 76 | 160 | SE by S | 7 | ... | Do. |
| 9 | 29·983 | 0·122 | 80·7 | 74·5 | 88·6 | 73·6 | 133·6 | 68·7 | 0·772 | 74 | 172 | S S E | 7 | ... | Do. |
| 10 | 29·971 | 0·128 | 79·4 | 73·5 | 88·1 | 71·3 | 133·3 | 65·8 | 0·747 | 74 | 156 | S S E | 3 | ... | Clear. |
| 11 | 29·925 | 0·142 | 79·4 | 73·1 | 87·4 | 70·8 | 132·3 | 65·9 | 0·731 | 73 | 162 | SE by S | 0 | ... | Do. |
| 12 | 29·894 | 0·126 | 78·7 | 72·6 | 89·6 | 71·2 | 134·8 | 65·4 | 0·721 | 74 | 135 | SE by S | 0 | ... | Do. |
| 13 | 29·872 | 0·095 | 78·6 | 71·7 | 88·8 | 70·2 | 133·8 | 65·7 | 0·685 | 70 | 154 | SE by S | 3 | ... | Fine. |
| 14 | 29·834 | 0·157 | 78·2 | 71·3 | 89·1 | 68·5 | 136·3 | 62·7 | 0·675 | 70 | 151 | SE by S | 5 | ... | Do. |
| 15 | 29·873 | 0·127 | 80·1 | 74·5 | 88·4 | 73·3 | 133·5 | 68·2 | 0·780 | 76 | 177 | SE by S | 13 | ... | Do. |
| 16 | 29·911 | 0·118 | 79·5 | 72·0 | 90·9 | 69·5 | 137·8 | 64·7 | 0·685 | 68 | 130 | SE by S | 10 | ... | Fine. |
| 17 | 29·904 | 0·124 | 78·2 | 70·1 | 90·7 | 67·6 | 139·5 | 61·5 | 0·629 | 65 | 132 | SE by S | 7 | ... | Do. |
| 18 | 29·900 | 0·118 | 76·8 | 70·7 | 90·5 | 67·1 | 137·1 | 60·5 | 0·671 | 73 | 124 | SE by S | 3 | ... | Clear. |
| 19 | 29·879 | 0·141 | 77·9 | 70·1 | 88·8 | 68·2 | 137·5 | 61·7 | 0·633 | 66 | 136 | SE by S | 17 | ... | Fine. |
| 20 | 29·851 | 0·139 | 78·1 | 71·1 | 87·3 | 68·3 | 134·2 | 62·8 | 0·669 | 70 | 138 | SE by S | 3 | ... | Clear. |
| 21 | 29·855 | 0·123 | 79·0 | 72·4 | 89·4 | 68·7 | 138·7 | 62·9 | 0·709 | 72 | 164 | SE by S | 33 | ... | Fine with light clouds. |
| 22 | 29·901 | 0·115 | 79·8 | 74·3 | 90·0 | 71·5 | 138·1 | 66·0 | 0·775 | 76 | 135 | S E | 17 | ... | Fine. |
| 23 | 29·901 | 0·133 | 79·9 | 73·8 | 88·7 | 71·9 | 135·8 | 67·0 | 0·753 | 74 | 140 | S E | 0 | ... | Clear. |
| 24 | 29·851 | 0·168 | 80·5 | 74·0 | 90·1 | 70·9 | 135·1 | 64·9 | 0·753 | 72 | 162 | SE by S | 3 | ... | Do. |
| 25 | 29·788 | 0·158 | 82·7 | 76·4 | 95·9 | 74·3 | 141·2 | 69·7 | 0·826 | 74 | 196 | S S E | 3 | ... | Do. |
| 26 | 29·824 | 0·120 | 83·1 | 77·2 | 93·3 | 77·3 | 138·7 | 74·3 | 0·855 | 75 | 240 | SE by S | 3 | ... | Do. |
| 27 | 29·840 | 0·116 | 82·0 | 75·8 | 90·4 | 76·8 | 134·0 | 74·5 | 0·808 | 74 | 222 | S S E | 13 | ... | Fine. |
| 28 | 29·850 | 0·133 | 82·1 | 75·9 | 90·9 | 75·0 | 134·8 | 70·9 | 0·812 | 74 | 230 | S by E | 17 | ... | Do. |
| 29 | 29·823 | 0·101 | 82·2 | 75·8 | 91·5 | 75·3 | 135·3 | 70·4 | 0·806 | 73 | 235 | S by E | 13 | ... | Fine with passing clouds. |
| 30 | 29·876 | 0·120 | 81·4 | 74·4 | 90·5 | 74·1 | 136·0 | 69·3 | 0·758 | 71 | 213 | S by E | 17 | ... | Fine. |
| 31 | 29·900 | 0·154 | 81·4 | 73·9 | 90·1 | 71·5 | 137·5 | 66·7 | 0·737 | 69 | 186 | S S E | 10 | ... | Do. |
| Mean | 29·903 | 0·129 | 79·6 | 72·9 | 89·4 | 71·1 | 135·9 | 66·1 | 0·724 | 72 | 161 | SE by S | 10 | *Nil.* | |

## Madras Meteorological Observations. 1872—April.

| April 1872 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·905 | 0·138 | 82·3 | 75·7 | 90·4 | 75·3 | 137·6 | 69·4 | 0·802 | 73 | 210 | S E by S | 20 | ... | Fine. |
| 2 | 29·883 | 0·128 | 82·3 | 76·2 | 90·7 | 74·8 | 137·9 | 70·4 | 0·823 | 75 | 199 | S E by S | 15 | ... | Do. |
| 3 | 29·874 | 0·137 | 83·7 | 77·1 | 90·4 | 75·9 | 138·0 | 72·4 | 0·843 | 74 | 228 | S E | 17 | ... | Do. |
| 4 | 29·872 | 0·138 | 83·8 | 77·6 | 91·3 | 77·3 | 137·2 | 75·2 | 0·864 | 75 | 231 | S E | 33 | ... | Fine with passing clouds. |
| 5 | 29·901 | 0·091 | 83·6 | 76·5 | 90·6 | 78·3 | 139·2 | 75·3 | 0·818 | 72 | 229 | S E | 53 | ... | Do. |
| 6 | 29·935 | 0·120 | 84·6 | 75·9 | 91·0 | 79·9 | 137·4 | 77·6 | 0·777 | 65 | 205 | E S E | 33 | ... | Fine with light clouds. |
| 7 | 29·927 | 0·121 | 82·9 | 75·2 | 92·1 | 76·5 | 141·2 | 73·6 | 0·772 | 68 | 147 | E by N | 23 | ... | Fine with passing clouds. |
| 8 | 29·876 | 0·133 | 81·4 | 74·0 | 90·8 | 73·5 | 137·2 | 70·3 | 0·741 | 69 | 140 | E by S | 10 | ... | Fine. |
| 9 | 29·836 | 0·118 | 81·9 | 74·8 | 90·9 | 74·1 | 138·0 | 69·9 | 0·768 | 71 | 141 | S E | 10 | ... | Do. |
| 10 | 29·834 | 0·116 | 82·7 | 76·1 | 91·9 | 74·5 | 139·0 | 70·4 | 0·814 | 73 | 162 | S E | 3 | ... | Do. |
| 11 | 29·816 | 0·111 | 82·9 | 75·5 | 90·2 | 74·7 | 136·9 | 69·8 | 0·782 | 69 | 209 | SE by S | 10 | ... | Do. |
| 12 | 29·799 | 0·130 | 82·0 | 74·6 | 90·3 | 73·5 | 137·7 | 68·7 | 0·758 | 69 | 187 | SE by S | 37 | ... | Fine with light clouds. |
| 13 | 29·814 | 0·123 | 82·8 | 75·5 | 90·9 | 73·8 | 137·6 | 68·9 | 0·785 | 70 | 170 | SE by S | 20 | ... | Do. |
| 14 | 29·850 | 0·111 | 83·5 | 75·6 | 91·9 | 74·9 | 136·7 | 70·6 | 0·781 | 68 | 141 | S E | 10 | ... | Fine with passing clouds. |
| 15 | 29·854 | 0·109 | 83·8 | 76·5 | 92·8 | 76·6 | 137·5 | 73·6 | 0·815 | 71 | 142 | E S E | 17 | ... | Fine. |
| 16 | 29·844 | 0·129 | 84·4 | 76·4 | 92·5 | 75·5 | 138·7 | 71·7 | 0·803 | 68 | 151 | E S E | 17 | ... | Fine with light clouds. |
| 17 | 29·834 | 0·114 | 85·1 | 77·3 | 93·2 | 77·4 | 141·6 | 74·5 | 0·833 | 69 | 168 | S E by E | 42 | ... | Do. |
| 18 | 29·852 | 0·119 | 84·9 | 77·0 | 91·8 | 80·1 | 137·4 | 77·6 | 0·822 | 68 | 169 | SE by E | 47 | 0·01 | Fine with passing clouds. |
| 19 | 29·814 | 0·125 | 85·0 | 76·0 | 93·8 | 78·5 | 141·3 | 77·2 | 0·777 | 64 | 167 | SE by E | 33 | ... | Fine with light clouds: lg. |
| 20 | 29·805 | 0·133 | 85·2 | 77·0 | 93·7 | 78·8 | 141·8 | 75·6 | 0·818 | 67 | 195 | SE by S | 23 | ... | Do. |
| 21 | 29·793 | 0·142 | 84·9 | 76·8 | 94·4 | 77·6 | 140·7 | 74·4 | 0·814 | 68 | 186 | S S E | 23 | ... | Fine with passing clouds. |
| 22 | 29·792 | 0·133 | 84·1 | 76·5 | 93·3 | 77·7 | 138·5 | 74·7 | 0·812 | 70 | 201 | S S E | 15 | ... | Fine. |
| 23 | 29·775 | 0·114 | 83·7 | 76·9 | 92·4 | 75·5 | 138·4 | 72·3 | 0·834 | 72 | 217 | SE by S | 40 | ... | Fine with passing clouds. |
| 24 | 29·758 | 0·144 | 85·4 | 77·2 | 94·0 | 79·8 | 138·7 | 77·7 | 0·824 | 67 | 231 | S S E | 37 | ... | Fine with light clouds. |
| 25 | 29·738 | 0·128 | 85·4 | 78·4 | 96·2 | 78·2 | 142·0 | 75·3 | 0·879 | 72 | 231 | S S E | 22 | ... | Fine with passing clouds. |
| 26 | 29·753 | 0·128 | 85·9 | 77·9 | 93·9 | 81·2 | 143·7 | 79·0 | 0·849 | 68 | 271 | S S E | 53 | ... | Passing clouds. |
| 27 | 29·792 | 0·121 | 84·9 | 77·5 | 92·7 | 80·1 | 136·2 | 78·4 | 0·845 | 70 | 238 | SE by S | 40 | ... | Hazy. |
| 28 | 29·779 | 0·118 | 84·1 | 78·2 | 92·1 | 79·2 | 134·3 | 77·1 | 0·886 | 75 | 175 | SE by S | 60 | ... | Do. |
| 29 | 29·708 | 0·128 | 84·9 | 77·5 | 95·8 | 78·6 | 144·7 | 76·5 | 0·845 | 70 | 166 | E by S | 73 | ... | Cloudy: lg. N. E. & S. |
| 30 | 29·657 | 0·090 | 80·7 | 76·5 | 91·7 | 79·5 | 129·6 | 76·7 | 0·857 | 81 | 201 | NE by N | 95 | 1·64 | Wet and stormy. |
| Mean | 29·822 | 0·123 | 83·8 | 76·5 | 92·3 | 77·0 | 138·6 | 73·8 | 0·815 | 70 | 190 | S E | 31 | 1·65 | |

# Madras Meteorological Observations. 1872—May.

| May 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·584 | 0·114 | 76·7 | 75·1 | 83·6 | 75·1 | 124·4 | 72·6 | 0·851 | 94 | 397 | N by E | 100 | 2·08 | Stormy and threatening. |
| 2 | 29·486 | 0·158 | 77·1 | 75·2 | 80·5 | 75·0 | ... | 73·5 | 0·850 | 91 | 716 | E by S | 98 | 2·07 | A heavy storm : lg. S. |
| 3 | 29·746 | 0·084 | 82·4 | 76·4 | 87·1 | 78·3 | 128·4 | 75·4 | 0·830 | 75 | 353 | S S E | 37 | ... | Passing clouds. |
| 4 | 29·813 | 0·122 | 82·2 | 75·9 | 88·4 | 76·5 | 128·9 | 74·4 | 0·811 | 74 | 235 | S by E | 25 | ... | Fine with passing clouds. |
| 5 | 29·814 | 0·165 | 83·9 | 77·8 | 96·1 | 78·5 | 135·6 | 76·9 | 0·872 | 75 | 213 | South | 2 | ... | Clear. |
| 6 | 29·763 | 0·146 | 85·1 | 77·0 | 99·1 | 78·5 | 139·6 | 77·0 | 0·820 | 68 | 235 | S by W | 10 | ... | Fine with light clouds. |
| 7 | 29·763 | 0·127 | 84·7 | 77·3 | 99·0 | 79·1 | 138·5 | 77·6 | 0·838 | 70 | 247 | S by E | 5 | ... | Fine. |
| 8 | 29·753 | 0·137 | 86·5 | 78·5 | 102·4 | 79·6 | 147·8 | 77·3 | 0·868 | 69 | 235 | South | 30 | ... | Do. |
| 9 | 29·715 | 0·121 | 87·8 | 78·1 | 101·8 | 80·3 | 143·6 | 78·9 | 0·832 | 63 | 261 | South | 15 | ... | Do. |
| 10 | 29·678 | 0·125 | 88·8 | 78·1 | 105·0 | 81·3 | 145·5 | 79·4 | 0·818 | 60 | 264 | South | 12 | ... | Do. |
| 11 | 29·695 | 0·119 | 88·5 | 78·3 | 104·2 | 81·0 | 146·1 | 79·2 | 0·832 | 62 | 218 | S S E | 5 | ... | Do. |
| 12 | 29·737 | 0·105 | 86·4 | 78·9 | 102·5 | 80·5 | 143·9 | 78·9 | 0·888 | 70 | 275 | South | 3 | ... | Clear. |
| 13 | 29·796 | 0·095 | 86·5 | 77·8 | 99·4 | 81·4 | 142·0 | 79·4 | 0·836 | 66 | 317 | South | 3 | ... | Do. |
| 14 | 29·838 | 0·148 | 85·9 | 77·2 | 93·5 | 80·1 | 137·7 | 78·4 | 0·817 | 66 | 283 | S by E | 10 | ... | Fine : lg. N. W. |
| 15 | 29·797 | 0·135 | 85·4 | 77·1 | 97·3 | 80·2 | 138·8 | 78·2 | 0·820 | 67 | 283 | S by E | 13 | ... | Do. |
| 16 | 29·751 | 0·147 | 86·9 | 77·7 | 99·2 | 80·2 | 142·8 | 77·7 | 0·827 | 65 | 293 | South | 10 | ... | Do. |
| 17 | 29·740 | 0·143 | 86·2 | 77·7 | 98·1 | 81·3 | 139·6 | 79·6 | 0·836 | 67 | 305 | South | 3 | ... | Clear. |
| 18 | 29·767 | 0·137 | 86·1 | 78·6 | 97·3 | 80·6 | 139·1 | 79·3 | 0·878 | 70 | 288 | S by E | 0 | ... | Do. |
| 19 | 29·748 | 0·151 | 86·7 | 79·8 | 101·9 | 81·5 | 143·7 | 79·5 | 0·925 | 72 | 309 | South | 18 | ... | Fine. |
| 20 | 29·688 | 0·164 | 88·4 | 79·4 | 106·7 | 83·5 | 144·6 | 82·1 | 0·884 | 66 | 252 | S by E | 13 | ... | Do. |
| 21 | 29·658 | 0·133 | 89·0 | 77·9 | 104·7 | 81·6 | 150·6 | 79·3 | 0·807 | 59 | 155 | SW by S | 43 | ... | Fine with passing clouds. |
| 22 | 29·687 | 0·129 | 87·1 | 76·7 | 100·4 | 81·9 | 140·6 | 79·9 | 0·779 | 60 | 185 | South | 23 | ... | Fine with passing clouds : th. S. |
| 23 | 29·691 | 0·108 | 88·6 | 77·9 | 102·7 | 82·2 | 141·7 | 80·1 | 0·812 | 60 | 203 | S by E | 15 | ... | Fine. |
| 24 | 29·690 | 0·093 | 89·2 | 79·0 | 103·8 | 82·4 | 144·6 | 80·5 | 0·854 | 62 | 238 | South | 7 | ... | Do. |
| 25 | 29·701 | 0·137 | 88·4 | 79·1 | 100·4 | 83·0 | 141·3 | 80·9 | 0·870 | 65 | 258 | South | 17 | ... | Do. |
| 26 | 29·646 | 0·124 | 89·2 | 77·3 | 107·5 | 82·0 | 145·1 | 79·9 | 0·777 | 56 | 280 | S S W | 45 | ... | Fine with passing clouds. |
| 27 | 29·614 | 0·125 | 89·8 | 77·7 | 103·2 | 81·4 | 144·4 | 79·5 | 0·788 | 56 | 313 | South | 80 | ... | Cloudy. |
| 28 | 29·638 | 0·094 | 90·2 | 77·8 | 100·0 | 86·5 | 141·8 | 84·8 | 0·786 | 55 | 182 | S by E | 78 | ... | Do. |
| 29 | 29·650 | 0·101 | 87·2 | 78·7 | 98·0 | 82·9 | 136·6 | 81·8 | 0·867 | 67 | 290 | S by E | 80 | ... | Cloudy : lg. W. |
| 30 | 29·673 | 0·113 | 86·2 | 78·0 | 101·8 | 81·9 | 144·6 | 80·6 | 0·849 | 68 | 263 | S by E | 83 | ... | Do. |
| 31 | 29·670 | 0·070 | 86·9 | 78·6 | 104·4 | 81·1 | 143·2 | 78·9 | 0·867 | 68 | 176 | South | 60 | ... | Fine with light clouds. |
| Mean | 29·709 | 0·115 | 86·3 | 77·8 | 99·0 | 80·6 | 140·8 | 78·8 | 0·838 | 67 | 275 | S by E | 30 | 4·15 | |

*Note.*—2nd. A heavy storm raging nearly all day. The wind blew from north till 3½ A.M., at the rate of 27 miles per hour. It veered to N. E. by 8½ A.M., when it attained its greatest velocity of 53 miles per hour; the reduced barometric reading being 29·288 inches. The wind was due east about 9¾ A.M., velocity 40 miles, and S. E. at noon with 34 miles per hour. The average velocity during the afternoon was 22 miles, and the direction was due south by 8 P.M. The rain extended over 17 hours but was unusually heavy only about 1 A.M.

## Madras Meteorological Observations. 1872—June.

| June 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·686 | 0·112 | 86·7 | 78·3 | 99·0 | 81·0 | 135·2 | 79·7 | 0·856 | 67 | 266 | S by E | 33 | ... | Fine with light clouds. |
| 2 | 29·674 | 0·126 | 86·3 | 77·8 | 100·3 | 80·8 | 130·5 | 79·6 | 0·839 | 67 | 251 | South | 33 | ... | Do. |
| 3 | 29·672 | 0·126 | 87·1 | 78·2 | 103·5 | 81·1 | 143·5 | 79·0 | 0·845 | 65 | 253 | South | 22 | ... | Fine : th. S. W. |
| 4 | 29·693 | 0·128 | 86·8 | 78·1 | 93·5 | 81·9 | 132·7 | 80·6 | 0·845 | 66 | 249 | S S E | 22 | ... | Fine with passing clouds : th. S. W. do. |
| 5 | 29·711 | 0·101 | 84·8 | 79·3 | 90·5 | 80·6 | 133·4 | 79·3 | 0·928 | 77 | 274 | S S E | 47 | ... | Do. |
| 6 | 29·711 | 0·102 | 86·4 | 79·5 | 93·7 | 81·1 | 134·5 | 75·7 | 0·916 | 72 | 242 | S S E | 30 | ... | Fine with light clouds : lg. S. W. |
| 7 | 29·696 | 0·114 | 84·7 | 78·6 | 91·3 | 81·1 | 133·1 | 79·5 | 0·897 | 76 | 221 | SE by S | 18 | ... | Fine. |
| 8 | 29·702 | 0·114 | 85·6 | 78·0 | 93·5 | 81·1 | 138·4 | 79·5 | 0·858 | 70 | 167 | SE by S | 32 | ... | Fine with passing clouds. |
| 9 | 29·719 | 0·113 | 85·6 | 77·3 | 92·3 | 80·7 | 133·5 | 78·9 | 0·826 | 67 | 175 | S E | 27 | ... | Fine. |
| 10 | 29·712 | 0·091 | 86·0 | 78·5 | 92·6 | 81·5 | 134·5 | 79·0 | 0·875 | 70 | 143 | SE by E | 25 | ... | Fine with light clouds. |
| 11 | 29·657 | 0·126 | 86·1 | 79·0 | 93·3 | 80·4 | 135·3 | 78·0 | 0·897 | 72 | 165 | S E | 18 | ... | Fine with passing clouds. |
| 12 | 29·611 | 0·112 | 86·1 | 79·5 | 93·9 | 80·5 | 136·5 | 78·5 | 0·920 | 74 | 166 | SE by S | 43 | ... | Hazy. |
| 13 | 29·642 | 0·066 | 84·7 | 76·0 | 104·1 | 83·7 | 146·5 | 81·7 | 0·781 | 66 | 256 | W by N | 67 | 0·49 | Cloudy : rain : lg. S. and S. E. |
| 14 | 29·655 | 0·092 | 87·4 | 76·5 | 101·0 | 78·7 | 139·5 | 77·7 | 0·766 | 59 | 173 | S W | 63 | ... | Cloudy. |
| 15 | 29·683 | 0·090 | 85·5 | 77·7 | 92·9 | 84·0 | 116·5 | 81·5 | 0·846 | 69 | 107 | South | 90 | 0·01 | Do. |
| 16 | 29·707 | 0·123 | 83·9 | 75·2 | 92·8 | 76·7 | 130·0 | 74·5 | 0·758 | 65 | 238 | SW by W | 85 | 0·08 | Do. |
| 17 | 29·695 | 0·125 | 84·5 | 76·2 | 98·3 | 74·2 | 138·2 | 72·0 | 0·793 | 67 | 160 | N by W | 70 | ... | Do. |
| 18 | 29·693 | 0·108 | 85·6 | 74·8 | 98·1 | 82·0 | 139·3 | 79·8 | 0·718 | 58 | 211 | S W | 93 | 0·03 | Do. |
| 19 | 29·685 | 0·060 | 83·5 | 74·7 | 89·9 | 78·5 | 104·5 | 75·3 | 0·742 | 64 | 214 | S W | 98 | ... | Overcast. |
| 20 | 29·678 | 0·082 | 81·3 | 75·3 | 87·5 | 77·7 | 104·2 | 74·5 | 0·798 | 74 | 171 | W by S | 100 | 0·35 | Overcast : rain. |
| 21 | 29·677 | 0·110 | 83·6 | 75·0 | 88·3 | 79·5 | 107·3 | 76·7 | 0·754 | 65 | 206 | S W | 95 | ... | Cloudy. |
| 22 | 29·694 | 0·076 | 84·1 | 74·4 | 92·7 | 79·7 | 124·3 | 77·5 | 0·721 | 61 | 254 | S W | 95 | ... | Do. |
| 23 | 29·714 | 0·088 | 82·5 | 74·4 | 91·3 | 77·4 | 121·1 | 74·5 | 0·744 | 67 | 237 | SW by W | 90 | 0·01 | Do. |
| 24 | 29·684 | 0·114 | 86·6 | 74·3 | 95·7 | 79·3 | 133·5 | 77·7 | 0·683 | 54 | 263 | W S W | 70 | ... | Passing clouds. |
| 25 | 29·688 | 0·102 | 87·3 | 74·4 | 96·2 | 81·0 | 131·1 | 80·0 | 0·679 | 52 | 320 | W by S | 70 | ... | Do. |
| 26 | 29·727 | 0·071 | 87·1 | 72·9 | ··04·0 | 81·7 | 123·1 | 79·8 | 0·618 | 48 | 307 | West | 85 | ... | Cloudy. |
| 27 | 29·736 | 0·106 | 87·1 | 72·8 | 94·6 | 82·3 | 122·3 | 81·7 | 0·615 | 48 | 289 | W S W | 90 | ... | Do. |
| 28 | 29·757 | 0·100 | 87·8 | 72·9 | ··98·3 | 80·7 | 136·2 | 78·5 | 0·609 | 46 | 263 | W by S | 85 | ... | Do. |
| 29 | 29·754 | 0·138 | 86·4 | 73·3 | 96·1 | 81·7 | 136·7 | 78·5 | 0·645 | 51 | 251 | W by S | 72 | ... | Hazy. |
| 30 | 29·711 | 0·152 | 89·4 | 73·9 | 100·9 | 80·7 | 139·6 | 79·6 | 0·629 | 45 | 226 | SW by W | 73 | ... | Passing clouds. |
| Mean | 29·694 | 0·106 | 85·7 | 76·2 | 95·0 | 80·4 | 130·5 | 78·3 | 0·780 | 63 | 224 | S S W | 61 | 0·97 | |

# Madras Meteorological Observations. 1872—July.

| July 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·682 | 0·140 | 88·3 | 74·3 | 97·4 | 82·7 | 133·4 | 80·6 | 0·660 | 49 | 252 | W S W | 85 | ... | Hazy. |
| 2 | 29·721 | 0·111 | 88·6 | 73·8 | 100·2 | 83·4 | 149·1 | 81·5 | 0·636 | 47 | 305 | S W | 77 | ... | Do. |
| 3 | 29·776 | 0·108 | 85·2 | 74·0 | 98·5 | 80·2 | 139·6 | 77·6 | 0·690 | 57 | 284 | S by W | 53 | ... | Passing clouds. |
| 4 | 29·789 | 0·118 | 85·2 | 75·3 | 96·1 | 81·0 | 137·1 | 78·5 | 0·745 | 61 | 283 | South | 33 | ... | Fine with light clouds. |
| 5 | 29·813 | 0·119 | 83·6 | 75·7 | 92·1 | 80·2 | 115·9 | 78·5 | 0·784 | 68 | 207 | S S W | 82 | ... | Hazy : th. |
| 6 | 29·803 | 0·113 | 82·6 | 74·9 | 97·1 | 77·2 | 134·9 | 75·4 | 0·761 | 68 | 180 | SW by S | 80 | 0·06 | Hazy : lg. N.W. |
| 7 | 29·778 | 0·129 | 82·6 | 73·3 | 94·4 | 75·5 | 129·8 | 73·7 | 0·696 | 62 | 168 | SW by W | 83 | 0·20 | Do. : do. |
| 8 | 29·726 | 0·127 | 82·0 | 73·2 | 98·1 | 76·9 | 135·6 | 74·8 | 0·700 | 64 | 199 | W by S | 87 | 0·03 | Cloudy : lg. W. and S.W. |
| 9 | 29·681 | 0·129 | 82·7 | 73·8 | 96·8 | 78·9 | 133·7 | 76·5 | 0·715 | 63 | 225 | S W | 87 | 0·11 | Do. |
| 10 | 29·665 | 0·071 | 82·0 | 75·1 | 94·8 | 77·3 | 138·6 | 74·7 | 0·779 | 71 | 183 | SW by S | 87 | 0·09 | Do. |
| 11 | 29·664 | 0·128 | 84·4 | 73·7 | 97·5 | 78·9 | 134·8 | 76·0 | 0·688 | 59 | 239 | W by N | 87 | 0·53 | Cloudy : rain. |
| 12 | 29·643 | 0·137 | 85·2 | 73·3 | 99·5 | 77·2 | 140·7 | 74·5 | 0·660 | 54 | 236 | W by S | 60 | 0·01 | Passing clouds. |
| 13 | 29·676 | 0·118 | 88·5 | 72·6 | 100·7 | 79·2 | 142·6 | 76·4 | 0·588 | 44 | 271 | W by S | 52 | ... | Do. |
| 14 | 29·734 | 0·156 | 86·7 | 75·4 | 101·3 | 79·7 | 139·7 | 77·6 | 0·729 | 57 | 244 | W S W | 50 | 0·17 | Light clouds. |
| 15 | 29·747 | 0·108 | 84·5 | 75·8 | 95·4 | 79·6 | 138·1 | 76·3 | 0·775 | 65 | 159 | South | 85 | ... | Hazy. |
| 16 | 29·735 | 0·095 | 82·4 | 74·5 | 88·1 | 76·4 | 113·3 | 74·0 | 0·748 | 67 | 140 | NW by W | 97 | ... | Overcast. |
| 17 | 29·741 | 0·098 | 79·2 | 75·5 | 82·7 | 76·9 | 104·3 | 73·5 | 0·835 | 84 | 171 | SW by S | 98 | 0·15 | Overcast and wet. |
| 18 | 29·705 | 0·147 | 80·9 | 74·9 | 93·8 | 74·4 | 142·5 | 72·3 | 0·786 | 74 | 199 | S W | 50 | 0·11 | Passing clouds : th. and lg. |
| 19 | 29·668 | 0·146 | 84·2 | 74·8 | 98·5 | 76·4 | 137·6 | 73·5 | 0·738 | 62 | 182 | SW by W | 65 | 0·05 | Passing clouds : th. and lg. W. |
| 20 | 29·670 | 0·137 | 85·1 | 75·9 | 96·7 | 76·4 | 135·5 | 74·8 | 0·771 | 64 | 212 | SW by S | 83 | 0·03 | Hazy. |
| 21 | 29·722 | 0·128 | 86·5 | 74·7 | 96·6 | 79·2 | 137·5 | 77·5 | 0·702 | 56 | 225 | S W | 80 | 0·01 | Chiefly cloudy. |
| 22 | 29·713 | 0·113 | 83·8 | 75·2 | 95·6 | 79·6 | 140·4 | 76·7 | 0·760 | 65 | 189 | SW by S | 83 | 0·03 | Cloudy. |
| 23 | 29·710 | 0·076 | 82·0 | 74·9 | 85·7 | 78·3 | 100·5 | 75·5 | 0·771 | 71 | 167 | S S W | 97 | 0·02 | Overcast. |
| 24 | 29·712 | 0·106 | 83·2 | 75·1 | 97·8 | 79·2 | 141·3 | 76·5 | 0·764 | 67 | 193 | SW by S | 78 | ... | Cloudy. |
| 25 | 29·714 | 0·118 | 86·1 | 75·9 | 97·2 | 78·5 | 137·5 | 76·3 | 0·758 | 61 | 161 | SW by S | 65 | ... | Hazy : lg. S.W. |
| 26 | 29·733 | 0·131 | 85·2 | 76·2 | 98·9 | 78·6 | 144·3 | 76·3 | 0·783 | 64 | 187 | S by W | 37 | ... | Fine with passing clouds. |
| 27 | 29·711 | 0·117 | 85·7 | 77·1 | 97·3 | 79·1 | 141·4 | 77·4 | 0·816 | 66 | 177 | South | 33 | 0·01 | Do. |
| 28 | 29·774 | 0·087 | 84·1 | 76·7 | 91·6 | 79·3 | 135·6 | 78·4 | 0·820 | 70 | 196 | S by E | 50 | ... | Passing clouds. |
| 29 | 29·773 | 0·101 | 84·3 | 77·3 | 98·2 | 80·2 | 138·7 | 78·6 | 0·844 | 72 | 156 | S by E | 70 | 0·53 | Cloudy : rain. |
| 30 | 29·726 | 0·159 | 84·5 | 77·6 | 95·3 | 76·2 | 134·5 | 74·3 | 0·854 | 72 | 209 | SW by S | 28 | 0·08 | Fine with passing clouds. |
| 31 | 29·709 | 0·184 | 82·6 | 76·5 | 93·2 | 76·2 | 131·9 | 74·7 | 0·832 | 75 | 175 | W S W | 58 | 0·49 | Thunderstorm : passing clouds. |
| Mean | 29·723 | 0·121 | 84·3 | 75·1 | 95·7 | 78·5 | 133·9 | 76·2 | 0·748 | 64 | 206 | S W | 70 | 2·71 | |

# Madras Meteorological Observations. 1872—August.

| August 1872 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·722 | 0·140 | 83·3 | 75·8 | 94·8 | 78·1 | 136·3 | 76·6 | 0·792 | 69 | 248 | S S W | 38 | ... | Fine with passing clouds. |
| 2 | 29·715 | 0·121 | 81·9 | 75·9 | 93·4 | 75·3 | 137·8 | 73·5 | 0·815 | 75 | 192 | S S W | 62 | 0·15 | Cloudy. |
| 3 | 29·699 | 0·145 | 83·1 | 76·6 | 97·7 | 77·6 | 139·7 | 75·5 | 0·829 | 73 | 205 | SW by W | 60 | 0·01 | Passing clouds. |
| 4 | 29·704 | 0·106 | 83·2 | 75·5 | 95·7 | 78·0 | 140·4 | 76·7 | 0·781 | 69 | 177 | S S W | 67 | 0·21 | Passing clouds : rain. |
| 5 | 29·675 | 0·117 | 81·5 | 75·6 | 91·5 | 74·4 | 131·1 | 73·7 | 0·808 | 75 | 169 | W S W | 90 | 0·43 | Cloudy : rain : lg. S. |
| 6 | 29·681 | 0·117 | 82·3 | 75·0 | 92·8 | 77·6 | 139·9 | 75·5 | 0·771 | 70 | 189 | W S W | 80 | 1·66 | Cloudy : rain : th. and lg. S. & N.W. |
| 7 | 29·685 | 0·123 | 82·1 | 76·2 | 93·4 | 74·4 | 135·8 | 73·5 | 0·825 | 75 | 186 | SWby W | 67 | 1·00 | Cloudy : rain : th. and lg. N. & W. |
| 8 | 29·712 | 0·098 | 79·3 | 75·3 | 84·8 | 74·5 | 102·3 | 72·8 | 0·825 | 82 | 126 | W by S | 97 | 1·22 | Overcast : rain. |
| 9 | 29·738 | 0·081 | 77·3 | 73·7 | 83·5 | 73·7 | 105·0 | 72·0 | 0·785 | 84 | 233 | W S W | 97 | 0·17 | Do. : do. |
| 10 | 29·732 | 0·095 | 80·8 | 74·7 | 89·1 | 75·3 | 125·6 | 74·3 | 0·779 | 74 | 192 | SW by W | 82 | 0·18 | Cloudy : rain. |
| 11 | 29·741 | 0·132 | 79·8 | 74·8 | 85·9 | 75·9 | 106·7 | 74·0 | 0·796 | 78 | 171 | SW by S | 95 | 0·02 | Overcast. |
| 12 | 29·742 | 0·103 | 80·5 | 75·9 | 85·5 | 77·4 | 102·9 | 75·9 | 0·834 | 80 | 153 | SW by S | 88 | 0·02 | Cloudy. |
| 13 | 29·759 | 0·130 | 81·0 | 76·0 | 92·4 | 75·1 | 137·7 | 73·0 | 0·831 | 78 | 190 | SW by S | 53 | 0·01 | Cloudy. |
| 14 | 29·792 | 0·127 | 82·2 | 75·5 | 91·1 | 75·1 | 133·6 | 73·6 | 0·793 | 72 | 199 | S W | 77 | 0·80 | Cloudy : rain : th. and lg. N. & S. |
| 15 | 29·742 | 0·150 | 81·8 | 75·4 | 92·5 | 73·1 | 139·4 | 71·5 | 0·795 | 73 | 204 | SW by S | 60 | ... | Passing clouds. |
| 16 | 29·724 | 0·122 | 83·7 | 75·3 | 93·4 | 77·4 | 134·7 | 75·0 | 0·765 | 66 | 210 | SW by S | 70 | ... | Cloudy. |
| 17 | 29·778 | 0·128 | 83·3 | 75·8 | 94·5 | 77·4 | 137·5 | 75·6 | 0·792 | 69 | 212 | SW by S | 53 | 0·01 | Passing clouds. |
| 18 | 29·777 | 0·149 | 81·3 | 75·5 | 95·2 | 75·9 | 137·5 | 73·7 | 0·805 | 76 | 206 | S S W | 45 | 0·57 | Passing clouds : rain : th. and lg. W. |
| 19 | 29·764 | 0·120 | 80·5 | 75·5 | 90·1 | 73·5 | 138·5 | 72·3 | 0·817 | 78 | 157 | SW by S | 83 | 0·31 | Cloudy : rain. |
| 20 | 29·745 | 0·124 | 83·2 | 75·9 | 93·7 | 75·4 | 133·8 | 72·5 | 0·797 | 70 | 166 | SWby W | 73 | ... | Passing clouds. |
| 21 | 29·718 | 0·131 | 85·5 | 75·8 | 96·3 | 77·8 | 136·5 | 74·7 | 0·763 | 63 | 200 | SWby W | 50 | ... | Do. |
| 22 | 29·689 | 0·102 | 83·2 | 75·3 | 92·2 | 79·5 | 134·5 | 77·3 | 0·772 | 67 | 178 | W S W | 90 | 0·02 | Cloudy. |
| 23 | 29·672 | 0·108 | 84·3 | 74·9 | 91·1 | 79·7 | 130·5 | 77·5 | 0·739 | 62 | 237 | SW by W | 80 | 0·04 | Do. |
| 24 | 29·678 | 0·132 | 85·6 | 75·8 | 96·3 | 77·2 | 143·3 | 74·0 | 0·761 | 62 | 206 | S W byS | 70 | 0·09 | Passing clouds. |
| 25 | 29·708 | 0·153 | 84·6 | 75·7 | 95·0 | 79·1 | 134·3 | 76·4 | 0·769 | 64 | 181 | S W | 85 | ... | Cloudy. |
| 26 | 29·713 | 0·148 | 85·7 | 75·9 | 97·7 | 77·8 | 139·7 | 75·5 | 0·764 | 62 | 211 | S W | 50 | ... | Passing clouds. |
| 27 | 29·692 | 0·135 | 86·0 | 74·6 | 98·2 | 78·8 | 140·0 | 76·4 | 0·704 | 57 | 212 | SWby S | 30 | ... | Fine with passing clouds. |
| 28 | 29·694 | 0·128 | 84·2 | 74·3 | 94·3 | 78·3 | 140·5 | 75·5 | 0·715 | 60 | 176 | S by E | 28 | ... | Do. |
| 29 | 29·728 | 0·103 | 83·4 | 74·8 | 94·5 | 77·8 | 145·4 | 75·5 | 0·748 | 65 | 148 | S by W | 63 | ... | Cloudy. |
| 30 | 29·760 | 0·111 | 79·7 | 74·7 | 84·3 | 76·2 | 106·5 | 73·5 | 0·794 | 78 | 89 | W by S | 90 | 0·27 | Cloudy : rain. |
| 31 | 29·794 | 0·093 | 81·0 | 76·5 | 88·4 | 76·3 | 132·0 | 74·5 | 0·853 | 81 | 140 | South | 60 | 0·39 | Passing clouds : rain. |
| Mean | 29·725 | 0·122 | 82·4 | 75·4 | 92·2 | 76·6 | 131·6 | 74·6 | 0·788 | 71 | 186 | S W | 69 | 7·58 | |

## Madras Meteorological Observations. 1872—September.

| September 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·807 | 0·114 | 81·1 | 76·0 | 86·4 | 75·4 | 133·5 | 72·5 | 0·830 | 78 | 138 | S by E | 43 | ... | Fine with passing clouds. |
| 2 | 29·781 | 0·157 | 82·8 | 76·7 | 90·3 | 76·7 | 138·7 | 73·7 | 0·838 | 75 | 110 | SE by E | 27 | ... | Fine with passing clouds: lg. S. W. |
| 3 | 29·805 | 0·125 | 83·0 | 76·7 | 92·5 | 78·2 | 140·3 | 75·5 | 0·835 | 74 | 152 | SE by S | 27 | ... | Do. |
| 4 | 29·869 | 0·135 | 82·1 | 76·6 | 88·1 | 76·4 | 133·0 | 73·5 | 0·843 | 77 | 108 | E S E | 40 | 0·02 | Do. |
| 5 | 29·884 | 0·152 | 82·8 | 76·8 | 88·3 | 76·6 | 133·4 | 74·5 | 0·842 | 75 | 138 | SE by E | 30 | 0·02 | Do. |
| 6 | 29·850 | 0·145 | 82·2 | 77·0 | 88·7 | 76·5 | 137·2 | 74·7 | 0·859 | 78 | 143 | S S E | 43 | 0·15 | Do. |
| 7 | 29·823 | 0·132 | 83·1 | 76·7 | 91·4 | 77·0 | 144·0 | 74·3 | 0·833 | 74 | 146 | S E | 20 | 0·09 | Fine with passing clouds: lg. N. |
| 8 | 29·778 | 0·127 | 84·1 | 78·1 | 92·2 | 78·1 | 142·5 | 75·5 | 0·882 | 75 | 95 | SE by S | 27 | ... | Fine with passing clouds: lg. W. |
| 9 | 29·761 | 0·129 | 83·5 | 77·0 | 93·2 | 78·2 | 143·5 | 74·5 | 0·841 | 74 | 115 | SE by S | 23 | ... | Fine with light clouds: lg. W. |
| 10 | 29·770 | 0·097 | 82·7 | 76·6 | 91·7 | 77·4 | 141·0 | 74·5 | 0·835 | 75 | 98 | S E | 63 | ... | Passing clouds. |
| 11 | 29·732 | 0·145 | 82·7 | 77·3 | 91·2 | 76·5 | 123·4 | 73·5 | 0·865 | 77 | 97 | S S E | 67 | ... | Hazy: th. and lg. W. |
| 12 | 29·708 | 0·149 | 83·6 | 76·1 | 99·0 | 78·6 | 141·5 | 75·7 | 0·801 | 69 | 189 | S W | 67 | 0·14 | Cloudy: rain: th. & lg. W. |
| 13 | 29·684 | 0·147 | 83·4 | 77·2 | 94·2 | 75·6 | 138·2 | 73·0 | 0·851 | 74 | 222 | S S W | 57 | 0·37 | Passing clouds: rain: th. & lg. N.W. |
| 14 | 29·688 | 0·148 | 82·1 | 75·6 | 94·0 | 74·3 | 139·5 | 72·0 | 0·799 | 73 | 178 | SW by W | 80 | 1·28 | Cloudy: rain: th. and lg. W. |
| 15 | 29·708 | 0·116 | 80·9 | 75·3 | 89·6 | 75·7 | 125·5 | 73·9 | 0·803 | 76 | 126 | W by S | 90 | 0·14 | Cloudy: rain. |
| 16 | 29·739 | 0·095 | 81·2 | 75·3 | 88·5 | 76·3 | 117·7 | 74·4 | 0·799 | 74 | 75 | S W by W | 90 | 0·06 | Cloudy. |
| 17 | 29·736 | 0·165 | 82·5 | 74·6 | 94·0 | 76·7 | 141·7 | 73·9 | 0·751 | 67 | 176 | SW by W | 70 | 0·13 | Cloudy: rain. |
| 18 | 29·745 | 0·155 | 83·8 | 75·9 | 95·3 | 76·5 | 140·5 | 73·4 | 0·790 | 68 | 187 | S W | 57 | 0·23 | P. cl.: rain: th. & lg. S. and W. |
| 19 | 29·731 | 0·148 | 83·1 | 76·0 | 91·1 | 77·2 | 122·6 | 74·7 | 0·803 | 71 | 160 | SW by W | 77 | ... | Cloudy: th. and lg. W. |
| 20 | 29·718 | 0·120 | 81·0 | 74·9 | 91·5 | 78·3 | 135·2 | 75·4 | 0·785 | 74 | 201 | S W by S | 80 | 0·24 | Cloudy: rain. |
| 21 | 29·720 | 0·117 | 83·6 | 75·6 | 94·0 | 74·5 | 136·7 | 72·4 | 0·779 | 68 | 203 | SW by S | 63 | ... | Cloudy. |
| 22 | 29·765 | 0·136 | 84·7 | 75·3 | 93·5 | 78·1 | 135·7 | 75·4 | 0·751 | 62 | 183 | SW by S | 60 | ... | Passing clouds. |
| 23 | 29·775 | 0·116 | 81·3 | 75·2 | 86·2 | 78·4 | 100·8 | 75·9 | 0·794 | 74 | 116 | S W | 83 | ... | Cloudy. |
| 24 | 29·742 | 0·100 | 83·5 | 77·6 | 91·8 | 79·3 | 131·5 | 77·4 | 0·868 | 75 | 160 | SW by S | 83 | 0·03 | Cloudy: th. & lg. N.W. |
| 25 | 29·774 | 0·122 | 82·7 | 75·6 | 88·9 | 78·8 | 119·8 | 76·9 | 0·791 | 71 | 132 | West | 80 | ... | Cloudy. |
| 26 | 29·771 | 0·127 | 83·2 | 75·8 | 95·6 | 76·5 | 144·2 | 74·4 | 0·792 | 69 | 115 | SW by S | 73 | ... | Do. |
| 27 | 29·760 | 0·158 | 80·7 | 76·6 | 89·3 | 78·0 | 116·3 | 76·4 | 0·862 | 83 | 109 | S by W | 80 | ... | Do. |
| 28 | 29·766 | 0·130 | 83·1 | 77·0 | 91·3 | 75·6 | 135·4 | 72·4 | 0·847 | 75 | 174 | S by E | 27 | ... | Fine. |
| 29 | 29·793 | 0·125 | 81·6 | 74·7 | 94·2 | 76·0 | 143·2 | 72·3 | 0·768 | 71 | 190 | SW by S | 25 | ... | Do. |
| 30 | 29·803 | 0·139 | 85·5 | 74·6 | 96·1 | 76·6 | 139·5 | 73·9 | 0·711 | 58 | 195 | W by S | 40 | ... | Fine with light clouds. |
| Mean | 29·766 | 0·132 | 82·7 | 76·1 | 91·7 | 76·9 | 133·9 | 74·4 | 0·815 | 73 | 148 | S by W | 56 | 2·90 | |

# Madras Meteorological Observations. 1872—October.

| October 1872 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·767 | 0·129 | 83·3 | 75·4 | 97·3 | 79·9 | 142·7 | 77·9 | 0·775 | 67 | 152 | W by N | 73 | 0·59 | Cloudy : th. & lg. : rain. |
| 2 | 29·748 | 0·142 | 83·0 | 76·8 | 91·6 | 76·5 | 127·4 | 75·5 | 0·839 | 74 | 100 | W by N | 78 | ... | Cloudy. |
| 3 | 29·728 | 0·113 | 79·4 | 76·1 | 83·0 | 77·5 | 95·5 | 75·7 | 0·857 | 86 | 53 | N W by N | 100 | 0·12 | Overcast. |
| 4 | 29·713 | 0·106 | 81·0 | 74·2 | 86·1 | 76·0 | 121·8 | 73·6 | 0·755 | 71 | 130 | NW by N | 88 | ... | Cloudy. |
| 5 | 29·732 | 0·125 | 83·6 | 74·7 | 95·5 | 74·4 | 139·8 | 70·8 | 0·740 | 64 | 128 | W N W | 50 | 0·01 | Passing clouds. |
| 6 | 29·783 | 0·112 | 82·9 | 76·2 | 93·5 | 78·2 | 142·5 | 75·5 | 0·814 | 72 | 123 | S S W | 53 | 0·01 | Do. |
| 7 | 29·787 | 0·129 | 81·5 | 76·2 | 93·3 | 74·7 | 144·3 | 72·9 | 0·833 | 77 | 100 | SE by S | 57 | 0·22 | Passing clouds : rain. |
| 8 | 29·792 | 0·130 | 82·5 | 77·8 | 92·7 | 78·3 | 143·7 | 75·9 | 0·889 | 80 | 55 | South | 73 | 0·10 | Cloudy : th. |
| 9 | 29·774 | 0·110 | 82·4 | 77·9 | 95·4 | 76·1 | 137·0 | 72·9 | 0·896 | 81 | 97 | S W | 70 | ... | Cloudy. |
| 10 | 29·757 | 0·139 | 81·8 | 77·0 | 90·1 | 78·4 | 142·6 | 75·5 | 0·864 | 80 | 95 | E S E | 70 | ... | Passing clouds. |
| 11 | 29·777 | 0·087 | 79·3 | 75·6 | 87·2 | 73·2 | 139·7 | 71·7 | 0·838 | 84 | 78 | S by W | 80 | 0·57 | Cloudy : rain. |
| 12 | 29·791 | 0·122 | 72·8 | 71·7 | 74·6 | 71·2 | 81·3 | 70·5 | 0·764 | 95 | 247 | NWby N | 100 | 7·69 | Overcast : heavy rain. |
| 13 | 29·820 | 0·091 | 71·9 | 69·5 | 74·4 | 69·2 | 88·9 | 67·8 | 0·690 | 88 | 317 | N N W | 100 | 7·79 | Do. : do. |
| 14 | 29·801 | 0·165 | 75·9 | 72·7 | 80·5 | 73·9 | 127·0 | 72·5 | 0·762 | 85 | 147 | N N W | 97 | 0·14 | Cloudy. |
| 15 | 29·784 | 0·128 | 79·8 | 76·0 | 90·4 | 74·1 | 134·3 | 71·5 | 0·848 | 84 | 77 | NW by N | 83 | ... | Do. |
| 16 | 29·817 | 0·111 | 78·4 | 75·4 | 85·9 | 72·6 | 109·3 | 71·8 | 0·841 | 86 | 109 | W S W | 97 | 0·22 | Cloudy : rain : th. & lg. N. W. |
| 17 | 29·843 | 0·130 | 80·2 | 76·0 | 87·0 | 75·5 | 127·8 | 73·3 | 0·842 | 81 | 68 | N W | 63 | ... | Cloudy. |
| 18 | 29·825 | 0·132 | 78·1 | 74·3 | 85·6 | 76·1 | 129·8 | 74·5 | 0·798 | 83 | 100 | W N W | 83 | 0·22 | Cloudy : rain. |
| 19 | 29·813 | 0·096 | 75·2 | 70·7 | 76·8 | 74·5 | 90·2 | 72·5 | 0·692 | 79 | 233 | N W | 97 | 0·13 | Do. : do. |
| 20 | 29·808 | 0·089 | 77·4 | 73·0 | 87·2 | 70·8 | 134·8 | 69·3 | 0·755 | 80 | 195 | S W | 57 | 0·67 | Passing clouds : rain. |
| 21 | 29·905 | 0·098 | 79·1 | 75·3 | 88·5 | 72·9 | 140·8 | 71·3 | 0·829 | 83 | 66 | E S E | 43 | ... | Passing clouds. |
| 22 | 29·878 | 0·143 | 80·7 | 76·5 | 88·2 | 76·1 | 135·8 | 73·5 | 0·857 | 82 | 149 | N N E | 50 | ... | Do. |
| 23 | 29·790 | 0·116 | 80·1 | 75·2 | 86·7 | 76·3 | 135·3 | 73·8 | 0·809 | 78 | 184 | North | 53 | ... | Light clouds. |
| 24 | 29·746 | 0·122 | 78·6 | 71·6 | 85·2 | 75·2 | 115·3 | 71·3 | 0·682 | 70 | 133 | N W | 90 | ... | Cloudy. |
| 25 | 29·774 | 0·140 | 78·8 | 70·4 | 90·0 | 70·1 | 130·5 | 64·4 | 0·632 | 63 | 134 | W N W | 70 | ... | Do. |
| 26 | 29·801 | 0·113 | 79·8 | 73·0 | 90·5 | 73·5 | 133·2 | 69·3 | 0·722 | 71 | 91 | N by W | 57 | ... | Hazy. |
| 27 | 29·839 | 0·103 | 80·1 | 73·7 | 90·1 | 73·1 | 135·3 | 68·3 | 0·747 | 72 | 97 | NE by E | 50 | ... | Passing clouds. |
| 28 | 29·887 | 0·087 | 79·2 | 73·0 | 89·7 | 73·1 | 137·5 | 68·1 | 0·730 | 73 | 64 | NE by E | 30 | ... | Fine with passing clouds. |
| 29 | 29·942 | 0·103 | 78·7 | 73·0 | 87·8 | 72·3 | 132·3 | 67·0 | 0·736 | 75 | 77 | E by S | 28 | ... | Passing clouds. |
| 30 | 29·971 | 0·133 | 78·9 | 73·7 | 88·3 | 72·6 | 135·0 | 67·4 | 0·763 | 77 | 91 | E by N | 23 | ... | Fine with passing clouds. |
| 31 | 29·971 | 0·107 | 80·2 | 73·8 | 87·7 | 73·3 | 132·3 | 67·6 | 0·749 | 72 | 103 | E N E | 20 | ... | Fine. |
| Mean | 29·812 | 0·118 | 79·5 | 74·4 | 87·8 | 74·5 | 127·9 | 71·7 | 0·785 | 78 | 122 | NW by N | 67 | 18·48 | |

# Madras Meteorological Observations. 1872—November.

| November 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·952 | 0·140 | 80·9 | 74·8 | 90·7 | 74·4 | 134·3 | 69·6 | 0·782 | 74 | 126 | NE by E | 8 | ... | Fine. |
| 2 | 29·958 | 0·118 | 79·6 | 74·3 | 89·7 | 73·9 | 136·9 | 68·4 | 0·778 | 77 | 148 | N N E | 27 | ... | Fine with passing clouds. |
| 3 | 29·963 | 0·120 | 77·7 | 70·1 | 88·6 | 72·4 | 133·5 | 67·1 | 0·637 | 67 | 184 | N by E | 27 | ... | Do. |
| 4 | 29·951 | 0·119 | 76·3 | 71·6 | 83·5 | 71·4 | 133·6 | 66·4 | 0·713 | 78 | 163 | N by E | 77 | 0·63 | Cloudy : rain. |
| 5 | 29·929 | 0·120 | 77·1 | 73·1 | 85·1 | 73·4 | 133·4 | 71·3 | 0·762 | 82 | 137 | N by E | 73 | 1·26 | Do. : do. |
| 6 | 29·939 | 0·126 | 80·0 | 75·0 | 88·1 | 73·7 | 135·2 | 69·8 | 0·802 | 78 | 118 | NE by N | 47 | 0·12 | Passing clouds. |
| 7 | 29·933 | 0·122 | 79·5 | 74·8 | 87·0 | 73·9 | 141·2 | 70·1 | 0·800 | 79 | 89 | E N E | 63 | 0·08 | Do. |
| 8 | 29·922 | 0·113 | 78·9 | 74·4 | 86·5 | 73·3 | 134·4 | 68·5 | 0·792 | 80 | 151 | N by E | 50 | 0·04 | Passing clouds : th. and lg. S. W. |
| 9 | 29·945 | 0·109 | 76·4 | 73·6 | 85·6 | 73·4 | 116·4 | 69·9 | 0·792 | 87 | 143 | N E | 78 | 1·18 | Cloudy : rain. |
| 10 | 29·946 | 0·117 | 79·7 | 74·9 | 87·3 | 73·4 | 135·6 | 69·9 | 0·802 | 79 | 190 | N N E | 60 | ... | Passing clouds. |
| 11 | 29·932 | 0·122 | 80·3 | 74·1 | 87·2 | 74·6 | 133·6 | 70·4 | 0·760 | 73 | 198 | NE by N | 50 | ... | Do. |
| 12 | 29·919 | 0·108 | 80·0 | 73·5 | 88·3 | 74·4 | 137·6 | 70·3 | 0·740 | 72 | 209 | NE by N | 50 | ... | Do. |
| 13 | 29·885 | 0·099 | 77·3 | 73·0 | 83·0 | 73·3 | 114·9 | 69·1 | 0·755 | 79 | 175 | N by E | 77 | 0·11 | Cloudy : rain. |
| 14 | 29·859 | 0·114 | 77·8 | 75·4 | 87·3 | 73·5 | 135·4 | 70·4 | 0·849 | 89 | 125 | NE by N | 83 | 0·96 | Do. : do. |
| 15 | 29·895 | 0·101 | 76·9 | 74·3 | 88·2 | 74·5 | 139·3 | 73·4 | 0·815 | 88 | 84 | E N E | 90 | 0·69 | Do. : do. |
| 16 | 29·875 | 0·124 | 79·3 | 75·1 | 86·7 | 74·0 | 136·4 | 71·7 | 0·818 | 82 | 159 | NE by N | 67 | 0·13 | Cloudy. |
| 17 | 29·858 | 0·129 | 79·8 | 74·4 | 85·2 | 74·6 | 127·2 | 70·6 | 0·779 | 76 | 248 | N N E | 63 | ... | Passing clouds. |
| 18 | 29·846 | 0·116 | 75·1 | 74·1 | 76·5 | 74·9 | 89·6 | 73·3 | 0·831 | 95 | 197 | N by E | 98 | 2·91 | Overcast : thunderstorm. |
| 19 | 29·891 | 0·093 | 77·1 | 75·6 | 83·1 | 74·4 | 117·4 | 72·5 | 0·867 | 93 | 78 | E N E | 90 | 1·01 | Cloudy : rain. |
| 20 | 29·909 | 0·113 | 79·6 | 75·7 | 86·5 | 73·6 | 131·7 | 70·9 | 0·838 | 82 | 204 | NE by E | 67 | 0·09 | Do. : do. |
| 21 | 29·882 | 0·128 | 79·1 | 74·9 | 86·8 | 77·4 | 133·9 | 73·1 | 0·810 | 81 | 270 | N E | 78 | 0·73 | Do. : do. |
| 22 | 29·792 | 0·140 | 76·3 | 74·1 | 80·5 | 73·5 | 107·3 | 72·1 | 0·814 | 90 | 362 | NE by N | 100 | 3·34 | Squally and overcast. |
| 23 | 29·810 | 0·108 | 74·7 | 73·7 | 76·9 | 72·8 | 106·7 | 70·5 | 0·820 | 95 | 169 | N N E | 100 | 5·81 | Overcast : heavy rain. |
| 24 | 29·895 | 0·102 | 75·3 | 73·6 | 78·9 | 72·9 | 117·6 | 71·3 | 0·807 | 92 | 166 | N by E | 88 | 0·84 | Cloudy : rain : lg. S. W. |
| 25 | 29·923 | 0·118 | 79·4 | 73·7 | 85·9 | 75·6 | 134·3 | 71·3 | 0·756 | 75 | 234 | N N E | 47 | ... | Passing clouds : fine night. |
| 26 | 29·878 | 0·139 | 78·6 | 72·6 | 84·5 | 75·2 | 133·1 | 69·7 | 0·722 | 74 | 301 | N by E | 80 | ... | Cloudy. |
| 27 | 29·792 | 0·107 | 73·1 | 72·3 | 74·2 | 72·4 | 79·2 | 71·9 | 0·784 | 96 | 261 | N by E | 100 | 5·59 | Overcast : heavy rain. |
| 28 | 29·697 | 0·093 | 72·2 | 71·0 | 76·2 | 73·4 | 86·9 | 73·1 | 0·744 | 94 | 371 | North | 100 | 2·97 | Do. : do. |
| 29 | 29·721 | 0·098 | 71·6 | 69·9 | 74·6 | 68·2 | 100·5 | 66·6 | 0·710 | 92 | 140 | W by N | 93 | 0·48 | Cloudy : rain. |
| 30 | 29·804 | 0·096 | 75·7 | 73·4 | 82·9 | 71·6 | 135·2 | 68·3 | 0·793 | 89 | 41 | N E | 65 | 0·01 | Passing clouds. |
| Mean | 29·883 | 0·115 | 77·5 | 73·7 | 84·2 | 73·6 | 124·4 | 70·4 | 0·782 | 83 | 181 | N N E | 70 | 28·98 | |

# Madras Meteorological Observations. 1872—December.

| December 1872 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·902 | 0·104 | 77·3 | 74·8 | 82·8 | 73·3 | 109·8 | 70·5 | 0·830 | 89 | 35 | SE by E | 60 | ... | Cloudy day: fine night. |
| 2 | 29·915 | 0·123 | 79·3 | 76·0 | 86·5 | 75·2 | 135·6 | 72·5 | 0·854 | 86 | 61 | NEby E | 63 | ... | Passing clouds. |
| 3 | 29·850 | 0·121 | 78·3 | 75·0 | 85·7 | 75·1 | 137·5 | 71·9 | 0·825 | 85 | 110 | N E | 60 | ... | Do. |
| 4 | 29·818 | 0·098 | 77·2 | 73·6 | 86·3 | 72·2 | 135·7 | 68·4 | 0·782 | 84 | 115 | NEbyN | 43 | ... | Do. |
| 5 | 29·861 | 0·092 | 76·6 | 74·8 | 82·4 | 74·9 | 129·4 | 72·7 | 0·839 | 92 | 215 | N N E | 90 | 1·31 | Cloudy : rain : th. |
| 6 | 29·921 | 0·094 | 76·5 | 74·6 | 81·0 | 73·8 | 118·4 | 70·4 | 0·832 | 91 | 175 | E N E | 97 | 2·10 | Overcast and wet. |
| 7 | 29·918 | 0·124 | 78·7 | 76·2 | 85·4 | 75·1 | 134·4 | 72·1 | 0·871 | 89 | 87 | SE by E | 67 | 0·03 | Cloudy. |
| 8 | 29·935 | 0·119 | 78·4 | 75·6 | 84·2 | 74·9 | 132·0 | 71·4 | 0·849 | 88 | 61 | E S E | 43 | 0·15 | Passing clouds. |
| 9 | 29·946 | 0·127 | 79·0 | 75·4 | 86·3 | 74·1 | 135·8 | 70·6 | 0·833 | 84 | 49 | E by N | 33 | ... | Do. |
| 10 | 29·940 | 0·128 | 78·2 | 74·9 | 87·8 | 73·2 | 136·5 | 70·2 | 0·822 | 85 | 59 | E by S | 37 | ... | Do. |
| 11 | 29·930 | 0·130 | 77·8 | 74·6 | 86·1 | 74·1 | 103·8 | 71·4 | 0·815 | 85 | 54 | N N E | 77 | 0·28 | Cloudy : rain. |
| 12 | 29·941 | 0·104 | 77·1 | 72·9 | 83·2 | 73·6 | 119·6 | 70·6 | 0·754 | 81 | 129 | N by E | 77 | 0·20 | Do. : do. |
| 13 | 29·942 | 0·108 | 74·6 | 70·5 | 84·2 | 69·5 | 129·0 | 64·7 | 0·693 | 81 | 111 | N N E | 37 | ... | Passing clouds. |
| 14 | 29·962 | 0·107 | 74·3 | 68·2 | 84·2 | 69·2 | 131·6 | 65·3 | 0·609 | 72 | 100 | N by E | 50 | ... | Passing clouds: fine night. |
| 15 | 29·972 | 0·114 | 75·1 | 69·5 | 81·3 | 69·2 | 132·3 | 65·1 | 0·648 | 75 | 161 | North | 23 | ... | Fine with passing clouds. |
| 16 | 29·992 | 0·119 | 75·5 | 70·6 | 83·1 | 69·4 | 130·4 | 65·4 | 0·685 | 77 | 160 | N by E | 25 | ... | Do. |
| 17 | 30·005 | 0·103 | 76·7 | 71·5 | 83·6 | 71·4 | 130·1 | 68·0 | 0·703 | 76 | 234 | N N E | 70 | 0·08 | Cloudy. |
| 18 | 29·982 | 0·107 | 72·5 | 71·1 | 74·8 | 72·7 | 88·5 | 69·0 | 0·744 | 93 | 136 | N N E | 93 | 1·60 | Cloudy and wet. |
| 19 | 29·958 | 0·120 | 77·5 | 72·5 | 85·3 | 70·9 | 132·7 | 67·4 | 0·733 | 78 | 139 | N N E | 50 | ... | Passing clouds. |
| 20 | 29·970 | 0·110 | 76·2 | 72·8 | 85·3 | 74·2 | 133·5 | 69·6 | 0·762 | 84 | 157 | N N E | 70 | 0·08 | Cloudy. |
| 21 | 29·956 | 0·110 | 77·1 | 72·6 | 85·5 | 72·4 | 139·4 | 69·6 | 0·742 | 80 | 224 | N N E | 70 | ... | Do. |
| 22 | 29·939 | 0·103 | 75·7 | 71·3 | 82·6 | 71·8 | 129·5 | 67·9 | 0·709 | 79 | 179 | NEbyN | 80 | 0·12 | Do. |
| 23 | 29·937 | 0·104 | 78·1 | 70·5 | 85·0 | 75·9 | 132·5 | 71·6 | 0·648 | 68 | 254 | N E | 40 | ... | Passing clouds: fine night. |
| 24 | 29·959 | 0·097 | 75·5 | 69·4 | 83·8 | 68·5 | 131·5 | 63·6 | 0·639 | 72 | 185 | NE byN | 37 | ... | Fine with passing clouds. |
| 25 | 30·000 | 0·109 | 75·2 | 68·7 | 83·4 | 70·2 | 130·2 | 64·4 | 0·616 | 71 | 179 | NE byN | 23 | 0·02 | Cloudy morning: fine day. |
| 26 | 30·007 | 0·114 | 76·1 | 67·4 | 84·4 | 69·1 | 128·3 | 63·6 | 0·555 | 61 | 245 | N E | 13 | ... | Passing clouds. |
| 27 | 29·941 | 0·155 | 75·6 | 68·5 | 84·6 | 69·7 | 130·8 | 64·9 | 0·603 | 69 | 233 | N E | 50 | ... | Fine with passing clouds. |
| 28 | 29·916 | 0·122 | 73·2 | 67·2 | 83·4 | 66·8 | 133·6 | 59·5 | 0·588 | 72 | 160 | N N E | 20 | ... | Passing clouds. |
| 29 | 29·925 | 0·099 | 73·5 | 65·8 | 83·8 | 68·1 | 135·7 | 63·4 | 0·534 | 64 | 180 | N N E | 67 | ... | Fine with passing clouds. |
| 30 | 29·915 | 0·132 | 73·1 | 66·7 | 83·2 | 66·5 | 132·5 | 59·7 | 0·571 | 70 | 136 | N N E | 43 | ... | Passing clouds. |
| 31 | 29·901 | 0·106 | 73·2 | 67·0 | 83·8 | 66·4 | 131·5 | 60·4 | 0·580 | 71 | 93 | NE byN | 48 | ... | Do. |
| Mean | 29·937 | 0·113 | 76·2 | 71·6 | 84·0 | 71·7 | 128·8 | 67·6 | 0·718 | 79 | 142 | N E | 53 | 5·97 | |

## Madras Mean Monthly and Annual Meteorological Results in 1872.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·989 | 0·122 | 75·5 | 85·3 | 67·5 | 17·8 | 68·6 | 64·8 | 0·608 | 69 | 135·5 | 62·1 | 163 | 5 | NE by E | ... | ... | 65 |
| February | 29·953 | 0·125 | 77·1 | 87·0 | 68·6 | 18·4 | 70·8 | 67·0 | 0·672 | 72 | 134·5 | 63·5 | 127 | 10 | E S E | 0·28 | 1 | 76 |
| March | 29·903 | 0·129 | 79·6 | 89·4 | 71·1 | 18·3 | 72·9 | 69·4 | 0·724 | 72 | 135·9 | 66·1 | 161 | 13 | SE by S | ... | ... | 90 |
| April | 29·822 | 0·123 | 83·8 | 92·3 | 77·0 | 15·2 | 76·5 | 73·9 | 0·815 | 70 | 138·6 | 73·8 | 190 | 12 | S E | 1·65 | 2 | 69 |
| May | 29·709 | 0·115 | 86·3 | 99·0 | 80·6 | 18·4 | 77·8 | 75·4 | 0·838 | 67 | 140·8 | 78·8 | 275 | 15 | S by E | 4·15 | 2 | 70 |
| June | 29·694 | 0·106 | 85·7 | 95·0 | 80·4 | 14·6 | 76·2 | 74·2 | 0·780 | 63 | 130·5 | 78·3 | 224 | 18 | S S W | 0·97 | 6 | 39 |
| July | 29·723 | 0·121 | 84·3 | 95·7 | 78·5 | 17·2 | 75·1 | 72·5 | 0·748 | 64 | 133·9 | 76·2 | 206 | 20 | S W | 2·71 | 19 | 30 |
| August | 29·725 | 0·122 | 82·4 | 92·2 | 76·6 | 15·6 | 75·4 | 72·5 | 0·788 | 71 | 131·6 | 74·6 | 180 | 20 | S W | 7·58 | 21 | 31 |
| September | 29·766 | 0·132 | 82·7 | 91·7 | 76·9 | 14·8 | 76·1 | 73·6 | 0·815 | 73 | 133·9 | 74·4 | 148 | 17 | S by W | 2·90 | 13 | 44 |
| October | 29·812 | 0·118 | 79·5 | 87·8 | 74·5 | 13·3 | 74·4 | 71·8 | 0·785 | 78 | 127·9 | 71·7 | 122 | 29 | NW by N | 18·48 | 14 | 33 |
| November | 29·883 | 0·115 | 77·5 | 84·2 | 73·6 | 10·6 | 73·7 | 71·6 | 0·782 | 83 | 124·4 | 70·4 | 181 | 2 | N N E | 28·98 | 21 | 30 |
| December | 29·937 | 0·113 | 76·2 | 84·0 | 71·7 | 12·3 | 71·6 | 69·4 | 0·718 | 79 | 128·8 | 67·6 | 142 | 4 | N E | 5·97 | 11 | 47 |
| Annual | 29·826 | 0·120 | 80·9 | 90·3 | 74·8 | 15·6 | 74·1 | 71·3 | 0·756 | 72 | 132·9 | 71·6 | 177 | 14 | S S E | 73·67 | 110 | 52 |

## Madras Extreme Monthly Meteorological Records in 1872.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·122 | 20 | 29·864 | 9 | 0·258 | 86·7 | 9 | 63·1 | 7 | 61·6 | 7 | 52 | 22 | 139·7 | 31 | 56·6 | 9 | 252 | 2 | 87 | 8 | ... | ... |
| February | 30·083 | 24 | 29·813 | 7 | 0·270 | 89·8 | 29 | 65·1 | 28 | 63·6 | 28 | 51 | 28 | 141·9 | 8 | 57·9 | 28 | 162 | 1 | 86 | 28 | 0·28 | 6 |
| March | 30·099 | 4 | 29·718 | 25 | 0·381 | 95·9 | 25 | 63·5 | 3 | 61·2 | 3 | 45 | 17 | 141·2 | 25 | 57·6 | 3 | 240 | 26 | 96 | 5 | ... | ... |
| April | 29·993 | 6 | 29·615 | 30 | 0·378 | 96·2 | 25 | 73·5 | 12 | 70·3 | 19 | 52 | 22 | 144·7 | 29 | 68·7 | 12 | 271 | 26 | 140 | 8 | 1·64 | 30 |
| May | 29·899 | 14 | 29·319 | 2 | 0·580 | 107·5 | 26 | 75·0 | 2 | 71·7 | 22 | 36 | 27 | 150·6 | 21 | 72·6 | 1 | 716 | 2 | 155 | 21 | 2·08 | 1 |
| June | 29·824 | 29 | 29·547 | 12 | 0·277 | 104·1 | 13 | 74·2 | 17 | 70·2 | 26 | 34 | 30 | 146·5 | 13 | 72·0 | 17 | 320 | 25 | 107 | 15 | 0·49 | 13 |
| July | 29·855 | 5 | 29·560 | 12 | 0·295 | 101·3 | 14 | 74·4 | 18 | 69·0 | 14 | 33 | 13 | 144·3 | 26 | 72·3 | 18 | 305 | 2 | 140 | 16 | 0·53 | 11 |
| August | 29·855 | 31 | 29·602 | 23 | 0·253 | 98·2 | 27 | 73·1 | 15 | 70·3 | 2 | 41 | 27 | 145·4 | 29 | 71·5 | 15 | 248 | 1 | 89 | 30 | 1·66 | 6 |
| September | 29·943 | 5 | 29·592 | 14 | 0·351 | 99·0 | 12 | 74·3 | 14 | 70·4 | 30 | 41 | 30 | 144·2 | 26 | 72·0 | 14 | 222 | 13 | 75 | 16 | 1·28 | 14 |
| October | 30·032 | 30 | 29·653 | 4 | 0·379 | 97·3 | 1 | 69·2 | 13 | 65·3 | 25 | 44 | 5 | 144·3 | 7 | 64·4 | 25 | 317 | 13 | 53 | 3 | 7·79 | 13 |
| November | 30·025 | 1 | 29·648 | 28 | 0·377 | 90·7 | 1 | 68·2 | 29 | 67·0 | 29 | 53 | 3 | 141·2 | 7 | 66·4 | 4 | 371 | 28 | 41 | 30 | 5·81 | 23 |
| December | 30·064 | 26 | 29·772 | 4 | 0·292 | 87·8 | 10 | 66·4 | 31 | 60·9 | 29 | 47 | 26 | 139·4 | 21 | 59·5 | 28 | 254 | 23 | 35 | 1 | 2·10 | 6 |

# Madras Meteorological Observations. 1873—January.

| January 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·903 | 0·129 | 72·8 | 67·6 | 84·1 | 66·4 | 134·0 | 61·5 | 0·607 | 75 | 128 | N E | 57 | ... | Light passing clouds. |
| 2 | 29·914 | 0·116 | 75·7 | 69·3 | 84·4 | 69·1 | 134·0 | 64·3 | 0·631 | 71 | 166 | NE by N | 52 | ... | Passing clouds. |
| 3 | 29·925 | 0·112 | 74·2 | 67·9 | 84·3 | 69·2 | 131·7 | 63·5 | 0·600 | 71 | 116 | NE by N | 47 | ... | Fine with light clouds. |
| 4 | 29·982 | 0·104 | 73·6 | 66·9 | 83·6 | 66·4 | 140·4 | 61·5 | 0·571 | 69 | 90 | N E | 67 | ... | Light passing clouds. |
| 5 | 29·976 | 0·131 | 71·8 | 66·6 | 82·6 | 65·8 | 129·6 | 59·7 | 0·585 | 75 | 68 | NE by E | 23 | ... | Fine. |
| 6 | 29·925 | 0·134 | 70·4 | 65·9 | 83·4 | 62·2 | 129·5 | 54·7 | 0·578 | 78 | 79 | East | 10 | ... | Do. |
| 7 | 29·907 | 0·109 | 71·2 | 66·7 | 83·1 | 62·4 | 131·3 | 54·4 | 0·596 | 78 | 77 | SE by E | 8 | ... | Do. |
| 8 | 29·956 | 0·100 | 72·9 | 68·3 | 84·5 | 64·2 | 130·6 | 57·9 | 0·632 | 78 | 99 | East | 23 | ... | Do. |
| 9 | 29·969 | 0·119 | 75·0 | 69·6 | 85·9 | 66·1 | 136·8 | 59·4 | 0·652 | 75 | 133 | NE by N | 50 | ... | Fine with passing clouds. |
| 10 | 29·956 | 0·133 | 73·6 | 68·4 | 85·0 | 66·0 | 132·8 | 59·1 | 0·627 | 75 | 126 | NE by N | 10 | ... | Fine. |
| 11 | 29·948 | 0·123 | 72·1 | 67·7 | 84·6 | 62·6 | 132·1 | 55·5 | 0·620 | 78 | 112 | NE by N | 33 | ... | Fine with passing clouds. |
| 12 | 29·989 | 0·138 | 72·2 | 66·9 | 85·6 | 63·6 | 133·3 | 56·5 | 0·590 | 75 | 129 | N N E | 15 | ... | Fine. |
| 13 | 30·006 | 0·127 | 73·0 | 66·5 | 83·2 | 65·4 | 134·8 | 58·3 | 0·565 | 70 | 118 | NE by N | 35 | ... | Passing clouds. |
| 14 | 30·021 | 0·123 | 72·1 | 66·6 | 84·9 | 62·6 | 135·9 | 55·7 | 0·580 | 74 | 94 | N E | 33 | ... | Fine with passing clouds. |
| 15 | 30·021 | 0·126 | 71·8 | 65·9 | 83·5 | 65·4 | 135·1 | 58·5 | 0·560 | 71 | 70 | E by N | 23 | ... | Do. |
| 16 | 29·980 | 0·155 | 71·1 | 65·4 | 82·9 | 61·9 | 130·4 | 52·7 | 0·552 | 72 | 86 | S E | 0 | ... | Clear. |
| 17 | 29·937 | 0·131 | 71·1 | 66·7 | 82·2 | 60·9 | 127·8 | 52·2 | 0·597 | 78 | 111 | S E | 2 | ... | Do. |
| 18 | 29·986 | 0·107 | 71·9 | 68·0 | 82·0 | 63·4 | 128·5 | 53·5 | 0·634 | 81 | 113 | SE by S | 20 | ... | Fine. |
| 19 | 30·001 | 0·113 | 72·6 | 67·8 | 83·4 | 64·1 | 135·3 | 56·5 | 0·617 | 77 | 84 | SE by E | 23 | ... | Fine with passing clouds. |
| 20 | 29·997 | 0·125 | 75·0 | 69·0 | 83·5 | 65·0 | 129·4 | 56·7 | 0·630 | 72 | 103 | E by S | 33 | ... | Do. |
| 21 | 30·025 | 0·113 | 75·9 | 69·2 | 85·4 | 66·4 | 133·1 | 59·5 | 0·625 | 70 | 130 | E by N | 37 | ... | Passing clouds. |
| 22 | 30·024 | 0·110 | 76·9 | 69·5 | 86·5 | 70·6 | 135·8 | 62·7 | 0·623 | 67 | 189 | E N E | 43 | ... | Do. |
| 23 | 30·042 | 0·127 | 76·7 | 69·9 | 86·0 | 67·5 | 135·5 | 60·5 | 0·639 | 70 | 145 | N E | 50 | ... | Do. |
| 24 | 30·011 | 0·118 | 76·1 | 70·1 | 86·5 | 68·4 | 135·8 | 62·4 | 0·657 | 73 | 145 | NE by N | 53 | ... | Do. |
| 25 | 29·968 | 0·116 | 74·5 | 69·4 | 86·1 | 69·6 | 133·3 | 65·3 | 0·652 | 76 | 131 | N E | 47 | 0·01 | Do. |
| 26 | 29·932 | 0·126 | 74·2 | 68·1 | 85·5 | 63·8 | 132·9 | 55·6 | 0·607 | 72 | 107 | NE by E | 20 | ... | Do. |
| 27 | 29·921 | 0·119 | 75·4 | 69·4 | 85·6 | 65·8 | 134·2 | 58·7 | 0·610 | 72 | 118 | E N E | 30 | | Fine with passing clouds. |
| 28 | 29·932 | 0·128 | 77·9 | 70·5 | 86·6 | 68·6 | 132·5 | 62·5 | 0·618 | 68 | 152 | NE by E | 22 | | Do. |
| 29 | 29·980 | 0·106 | 75·9 | 69·6 | 87·1 | 68·6 | 134·4 | 61·3 | 0·640 | 72 | 144 | N E | 53 | | Passing clouds. |
| 30 | 29·985 | 0·115 | 76·5 | 68·6 | 86·7 | 68·2 | 135·5 | 61·0 | 0·594 | 65 | 167 | N E | 47 | | Do. |
| 31 | 29·995 | 0·118 | 77·4 | 70·1 | 87·5 | 69·1 | 134·7 | 62·7 | 0·640 | 68 | 175 | N E | 47 | | Do. |
| Mean | 29·971 | 0·121 | 73·9 | 68·1 | 84·7 | 65·8 | 133·3 | 58·8 | 0·613 | 73 | 120 | E N E | 33 | 0·01 | |

## Madras Meteorological Observations. 1873—February.

| February 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·970 | 0·139 | 76·7 | 71·2 | 87·3 | 70·9 | 135·3 | 65·5 | 0·691 | 75 | 203 | NE by N | 70 | .. | Cloudy. |
| 2 | 29·966 | 0·102 | 76·8 | 72·4 | 83·7 | 71·6 | 109·3 | 68·5 | 0·738 | 79 | 229 | N N E | 90 | 0·32 | Cloudy : rain. |
| 3 | 30·003 | 0·084 | 75·1 | 72·4 | 79·2 | 72·7 | 102·5 | 69·8 | 0·761 | 87 | 313 | N E by E | 93 | 1·32 | Do. : do. |
| 4 | 30·025 | 0·112 | 73·4 | 72·1 | 74·5 | 71·7 | 82·3 | 69·5 | 0·772 | 94 | 173 | E by N | 100 | 4·63 | Overcast with heavy rain. |
| 5 | 29·963 | 0·143 | 76·0 | 73·7 | 83·9 | 72·6 | 135·0 | 70·0 | 0·802 | 89 | 102 | E N E | 80 | 0·01 | Cloudy. |
| 6 | 29·981 | 0·123 | 77·6 | 73·0 | 84·6 | 72·3 | 130·2 | 68·5 | 0·752 | 80 | 117 | E N E | 50 | | Passing clouds. |
| 7 | 29·988 | 0·107 | 76·3 | 71·0 | 84·4 | 70·9 | 128·5 | 66·5 | 0·689 | 76 | 86 | E by N | 33 | ... | Fine with passing clouds. |
| 8 | 30·000 | 0·109 | 77·2 | 70·7 | 84·6 | 70·6 | 131·0 | 66·4 | 0·665 | 71 | 125 | E by N | 43 | ... | Passing clouds. |
| 9 | 29·987 | 0·123 | 75·9 | 70·6 | 84·1 | 69·3 | 128·5 | 64·6 | 0·679 | 76 | 88 | E by N | 33 | ... | Fine with passing clouds. |
| 10 | 29·986 | 0·134 | 74·8 | 69·8 | 84·2 | 67·9 | 130·6 | 62·5 | 0·663 | 77 | 80 | E by N | 17 | ... | Fine. |
| 11 | 29·965 | 0·102 | 75·4 | 71·0 | 84·6 | 67·5 | 130·0 | 61·6 | 0·701 | 79 | 83 | East | 20 | ... | Fine with passing clouds. |
| 12 | 29·981 | 0·115 | 76·3 | 71·9 | 85·9 | 69·4 | 128·5 | 63·7 | 0·724 | 79 | 91 | East | 20 | ... | Do. |
| 13 | 29·992 | 0·115 | 77·2 | 72·5 | 87·3 | 69·9 | 133·0 | 65·3 | 0·737 | 79 | 101 | E N E | 33 | ... | Do. |
| 14 | 29·996 | 0·107 | 78·2 | 72·5 | 86·5 | 70·9 | 131·5 | 64·7 | 0·724 | 75 | 145 | N E | 37 | ... | Passing clouds. |
| 15 | 29·957 | 0·122 | 77·5 | 71·3 | 85·8 | 69·6 | 130·7 | 63·4 | 0·685 | 72 | 153 | N E | 30 | ... | Fine with passing clouds. |
| 16 | 29·947 | 0·121 | 76·9 | 71·4 | 86·2 | 70·0 | 131·6 | 64·6 | 0·696 | 75 | 126 | N E | 30 | ... | Passing clouds. |
| 17 | 29·941 | 0·113 | 77·7 | 73·0 | 85·6 | 70·4 | 131·5 | 65·4 | 0·750 | 79 | 112 | E by N | 40 | ... | Fine with passing clouds. |
| 18 | 29·980 | 0·106 | 79·7 | 74·3 | 87·3 | 73·2 | 137·6 | 68·9 | 0·776 | 76 | 149 | E by N | 40 | ... | Passing clouds. |
| 19 | 30·003 | 0·117 | 79·9 | 73·4 | 87·9 | 75·5 | 133·1 | 71·3 | 0·737 | 73 | 211 | E N E | 50 | ... | Do. |
| 20 | 29·960 | 0·165 | 79·2 | 72·6 | 88·5 | 75·0 | 129·6 | 70·4 | 0·714 | 72 | 182 | N E | 33 | ... | Fine with passing clouds. |
| 21 | 29·896 | 0·139 | 78·1 | 73·9 | 89·0 | 71·3 | 130·4 | 65·4 | 0·782 | 81 | 76 | NE by E | 27 | ... | Do. |
| 22 | 29·941 | 0·122 | 78·2 | 74·0 | 87·4 | 71·0 | 128·3 | 65·2 | 0·784 | 81 | 98 | E S E | 23 | ... | Do. |
| 23 | 29·877 | 0·163 | 79·9 | 74·0 | 94·7 | 72·7 | 134·6 | 66·1 | 0·761 | 74 | 90 | SE by S | 15 | ... | Fine. |
| 24 | 29·831 | 0·126 | 79·4 | 74·3 | 87·8 | 72·5 | 130·8 | 66·3 | 0·781 | 78 | 125 | S S E | 13 | ... | Do. |
| 25 | 29·873 | 0·114 | 78·6 | 71·7 | 88·7 | 72·5 | 133·2 | 66·3 | 0·685 | 70 | 131 | SE by S | 10 | ... | Do. |
| 26 | 29·890 | 0·128 | 76·4 | 68·8 | 85·6 | 68·4 | 130·4 | 60·4 | 0·603 | 67 | 132 | SE by S | 15 | ... | Do. |
| 27 | 29·881 | 0·144 | 75·2 | 69·0 | 85·3 | 65·4 | 130·2 | 57·4 | 0·627 | 72 | 128 | SE by S | 3 | ... | Clear. |
| 28 | 29·851 | 0·135 | 75·3 | 70·2 | 85·6 | 65·5 | 129·4 | 58·3 | 0·672 | 77 | 104 | SE by S | 0 | ... | Do. |
| Mean | 29·951 | 0·123 | 77·1 | 72·0 | 85·7 | 70·8 | 127·8 | 65·6 | 0·720 | 77 | 134 | E by N | 37 | 6·28 | |

## Madras Meteorological Observations. 1873—March.

| March 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·894 | 0·114 | 76·0 | 70·6 | 86·4 | 67·8 | 131·5 | 60·5 | 0·677 | 75 | 127 | SE by S | 8 | ... | Fine. |
| 2 | 29·884 | 0·108 | 75·6 | 68·4 | 85·6 | 66·6 | 130·6 | 59·5 | 0·600 | 67 | 132 | SE by S | 13 | ... | Do. |
| 3 | 29·864 | 0·133 | 76·8 | 69·1 | 86·0 | 67·5 | 130·5 | 61·5 | 0·610 | 66 | 141 | SE by S | 7 | ... | Do. |
| 4 | 29·885 | 0·131 | 77·3 | 70·0 | 86·5 | 70·0 | 130·6 | 64·1 | 0·637 | 68 | 117 | S E | 17 | ... | Do. |
| 5 | 29·894 | 0·142 | 76·3 | 69·7 | 85·9 | 68·8 | 131·7 | 62·5 | 0·639 | 71 | 129 | SE by E | 20 | ... | Do. |
| 6 | 29·891 | 0·131 | 77·6 | 70·5 | 86·4 | 68·9 | 136·4 | 62·9 | 0·653 | 70 | 140 | SE by E | 23 | ... | Fine with passing clouds. |
| 7 | 29·906 | 0·144 | 80·0 | 73·2 | 88·2 | 72·0 | 136·8 | 66·5 | 0·727 | 71 | 140 | E S E | 47 | ... | Passing clouds. |
| 8 | 29·900 | 0·118 | 79·8 | 74·0 | 89·8 | 72·8 | 135·4 | 68·5 | 0·763 | 75 | 158 | S E | 18 | ... | Fine. |
| 9 | 29·931 | 0·142 | 79·9 | 73·1 | 88·7 | 71·3 | 134·2 | 66·5 | 0·725 | 71 | 105 | SE by E | 20 | ... | Do. |
| 10 | 29·935 | 0·126 | 80·3 | 73·0 | 88·4 | 76·0 | 132·8 | 71·5 | 0·715 | 69 | 151 | E by S | 5 | ... | Do. |
| 11 | 29·947 | 0·130 | 78·3 | 68·6 | 88·3 | 67·5 | 133·5 | 61·7 | 0·570 | 59 | 110 | East | 3 | ... | Clear. |
| 12 | 29·924 | 0·132 | 76·8 | 68·7 | 87·2 | 65·3 | 134·8 | 59·5 | 0·595 | 65 | 109 | E by N | 3 | ... | Do. |
| 13 | 29·869 | 0·206 | 76·8 | 70·5 | 90·3 | 68·0 | 134·6 | 62·3 | 0·663 | 72 | 134 | S E | 7 | ... | Fine. |
| 14 | 29·903 | 0·140 | 78·6 | 71·6 | 87·5 | 69·3 | 134·0 | 63·9 | 0·682 | 70 | 185 | SE by S | 17 | ... | Fine with passing clouds. |
| 15 | 29·931 | 0·129 | 80·0 | 73·9 | 88·6 | 72·0 | 136·5 | 66·3 | 0·756 | 74 | 140 | E S E | 20 | ... | Fine. |
| 16 | 29·956 | 0·132 | 79·7 | 72·5 | 88·6 | 73·2 | 139·5 | 68·4 | 0·703 | 69 | 133 | E by S | 20 | ... | Do. |
| 17 | 29·945 | 0·133 | 77·9 | 71·8 | 88·0 | 68·4 | 132·3 | 64·0 | 0·700 | 74 | 127 | East | 13 | ... | Do. |
| 18 | 29·949 | 0·126 | 78·5 | 72·4 | 87·3 | 70·9 | 135·2 | 66·4 | 0·715 | 74 | 121 | East | 23 | ... | Fine with passing clouds. |
| 19 | 29·927 | 0·125 | 77·1 | 71·5 | 87·1 | 69·2 | 132·6 | 63·6 | 0·698 | 75 | 108 | E S E | 10 | ... | Fine. |
| 20 | 29·922 | 0·121 | 77·5 | 72·4 | 86·8 | 69·2 | 132·3 | 63·6 | 0·729 | 77 | 148 | S E | 17 | ... | Do. |
| 21 | 29·942 | 0·121 | 77·8 | 71·6 | 87·0 | 69·3 | 133·2 | 64·0 | 0·693 | 73 | 152 | SE by S | 17 | ... | Fine with passing clouds. |
| 22 | 29·923 | 0·172 | 78·7 | 71·9 | 87·5 | 68·0 | 133·5 | 62·4 | 0·692 | 71 | 170 | SE by S | 17 | ... | Fine. |
| 23 | 29·914 | 0·123 | 79·9 | 73·5 | 88·6 | 71·3 | 135·2 | 66·4 | 0·741 | 72 | 154 | SE by S | 3 | ... | Clear. |
| 24 | 29·910 | 0·151 | 81·1 | 75·0 | 91·5 | 72·0 | 137·4 | 67·4 | 0·788 | 74 | 162 | SE by S | 17 | ... | Fine. |
| 25 | 29·901 | 0·140 | 80·8 | 75·2 | 91·1 | 74·2 | 135·6 | 69·6 | 0·800 | 76 | 189 | SE by S | 10 | ... | Do. |
| 26 | 29·872 | 0·114 | 80·9 | 74·3 | 88·7 | 73·4 | 132·4 | 69·4 | 0·761 | 72 | 203 | S S E | 10 | ... | Do. |
| 27 | 29·852 | 0·141 | 80·3 | 74·5 | 88·3 | 71·7 | 132·2 | 66·5 | 0·777 | 75 | 187 | S S E | 17 | ... | Do. |
| 28 | 29·895 | 0·111 | 80·5 | 74·3 | 87·8 | 74·3 | 136·2 | 69·4 | 0·766 | 73 | 154 | SE by S | 30 | ... | Passing clouds. |
| 29 | 29·947 | 0·133 | 81·5 | 75·0 | 90·4 | 73·2 | 138·2 | 69·5 | 0·782 | 73 | 112 | E S E | 40 | ... | Do. |
| 30 | 29·943 | 0·125 | 81·9 | 74·7 | 89·2 | 74·3 | 134·3 | 69·4 | 0·764 | 70 | 144 | East | 30 | ... | Do. |
| 31 | 29·930 | 0·130 | 81·9 | 75·6 | 91·2 | 75·5 | 139·4 | 72·4 | 0·802 | 74 | 136 | East | 60 | ... | Hazy. |
| Mean | 29·912 | 0·133 | 78·9 | 72·3 | 88·2 | 70·7 | 134·3 | 65·5 | 0·707 | 71 | 143 | SE by E | 18 | *Nil.* | |

# Madras Meteorological Observations. 1873—April.

| April 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·891 | 0·127 | 81·6 | 75·5 | 90·8 | 74·5 | 142·7 | 71·4 | 0·802 | 75 | 111 | E by S | 70 | | Cloudy. |
| 2 | 29·836 | 0·133 | 83·0 | 76·9 | 90·5 | 76·9 | 138·3 | 74·6 | 0·844 | 75 | 145 | East | 70 | ... | Do. |
| 3 | 29·793 | 0·093 | 80·0 | 74·8 | 90·3 | 79·5 | 131·8 | 77·1 | 0·793 | 77 | 271 | NE by E | 83 | 1·07 | Cloudy with rain. |
| 4 | 29·726 | 0·130 | 78·5 | 74·2 | 87·5 | 73·6 | 136·3 | 72·8 | 0·789 | 81 | 207 | North | 80 | 0·30 | Cloudy. |
| 5 | 29·738 | 0·133 | 81·3 | 76·6 | 91·7 | 75·4 | 133·5 | 73·4 | 0·853 | 80 | 123 | W S W | 50 | ... | Hazy. |
| 6 | 29·754 | 0·114 | 83·1 | 76·2 | 93·7 | 76·2 | 132·4 | 73·7 | 0·811 | 71 | 136 | East | 30 | | Fine with passing clouds. |
| 7 | 29·787 | 0·136 | 83·3 | 78·0 | 91·4 | 77·2 | 136·8 | 74·7 | 0·889 | 78 | 131 | E by N | 50 | ... | Passing clouds. |
| 8 | 29·808 | 0·112 | 83·9 | 78·9 | 91·6 | 77·5 | 135·8 | 75·0 | 0·922 | 79 | 139 | E by S | 45 | ... | Do. |
| 9 | 29·805 | 0·129 | 85·1 | 78·3 | 92·1 | 79·1 | 135·6 | 77·0 | 0·878 | 73 | 127 | E by S | 45 | ... | Do. |
| 10 | 29·818 | 0·138 | 84·1 | 77·5 | 89·0 | 80·8 | 135·8 | 79·0 | 0·856 | 74 | 182 | SE by E | 50 | ... | Do. |
| 11 | 29·776 | 0·144 | 83·2 | 77·5 | 88·6 | 77·6 | 133·2 | 75·5 | 0·868 | 76 | 201 | SE by S | 33 | ... | Light clouds. |
| 12 | 29·742 | 0·119 | 83·1 | 77·7 | 89·8 | 76·2 | 134·6 | 73·1 | 0·878 | 77 | 200 | SE by S | 20 | ... | Fine. |
| 13 | 29·745 | 0·134 | 85·1 | 78·2 | 93·7 | 78·6 | 139·8 | 76·8 | 0·873 | 72 | 246 | S S E | 10 | ... | Do. |
| 14 | 29·777 | 0·136 | 84·9 | 77·8 | 101·5 | 78·1 | 142·8 | 76·2 | 0·859 | 72 | 236 | S by E | 8 | ... | Fine : lg. |
| 15 | 29·733 | 0·127 | 87·1 | 77·4 | 102·3 | 80·4 | 145·6 | 78·4 | 0·809 | 63 | 200 | S S E | 13 | ... | Fine. |
| 16 | 29·743 | 0·131 | 85·8 | 78·6 | 98·6 | 81·1 | 141·5 | 78·5 | 0·882 | 71 | 232 | S by E | 25 | ... | Fine with passing clouds. |
| 17 | 29·816 | 0·108 | 84·5 | 78·2 | 90·8 | 80·0 | 133·9 | 78·0 | 0·881 | 74 | 262 | SE by S | 3 | | Clear. |
| 18 | 29·833 | 0·120 | 85·0 | 77·8 | 92·7 | 80·0 | 135·7 | 77·5 | 0·858 | 71 | 259 | SE by S | 3 | | Do. |
| 19 | 29·871 | 0·149 | 82·4 | 76·7 | 91·4 | 80·4 | 140·5 | 77·5 | 0·843 | 76 | 245 | S S E | 32 | ... | Fine with passing clouds. |
| 20 | 29·826 | 0·161 | 82·9 | 75·5 | 91·6 | 75·6 | 136·0 | 73·0 | 0·784 | 69 | 194 | South | 30 | | Do. |
| 21 | 29·808 | 0·144 | 85·1 | 77·5 | 96·4 | 79·0 | 141·3 | 77·0 | 0·843 | 70 | 220 | S by E | 37 | ... | Passing clouds. |
| 22 | 29·804 | 0·140 | 85·1 | 77·5 | 100·9 | 78·1 | 142·8 | 76·5 | 0·843 | 70 | 201 | S by E | 15 | ... | Fine. |
| 23 | 29·827 | 0·140 | 85·4 | 79·1 | 99·5 | 79·4 | 144·3 | 77·2 | 0·910 | 75 | 206 | S by E | 5 | ... | Clear. |
| 24 | 29·854 | 0·133 | 83·8 | 77·8 | 91·3 | 77·6 | 134·5 | 74·7 | 0·873 | 75 | 226 | S S E | 13 | ... | Fine. |
| 25 | 29·866 | 0·141 | 82·2 | 76·0 | 89·7 | 75·4 | 132·7 | 72·2 | 0·815 | 74 | 199 | SE by S | 13 | | Do. |
| 26 | 29·850 | 0·157 | 83·9 | 77·8 | 94·5 | 77·4 | 137·5 | 74·5 | 0·872 | 75 | 218 | S S E | 17 | ... | Do. |
| 27 | 29·826 | 0·143 | 84·8 | 78·4 | 94·5 | 78·2 | 138·3 | 76·5 | 0·885 | 74 | 256 | S S E | 3 | | Clear. |
| 28 | 29·790 | 0·141 | 84·2 | 77·9 | 91·8 | 77·4 | 135·4 | 75·0 | 0·872 | 74 | 241 | S S E | 3 | ... | Do. |
| 29 | 29·790 | 0·154 | 86·0 | 78·5 | 96·8 | 79·0 | 139·5 | 77·4 | 0·875 | 70 | 294 | S by E | 13 | ... | Fine. |
| 30 | 29·761 | 0·142 | 84·9 | 77·1 | 91·9 | 78·4 | 133·5 | 75·0 | 0·827 | 69 | 293 | S S E | 5 | ... | Do. |
| Mean | 29·800 | 0·134 | 83·8 | 77·3 | 93·2 | 78·0 | 137·4 | 75·6 | 0·853 | 74 | 207 | S E | 29 | 1·37 | |

# Madras Meteorological Observations. 1873—May.

| May 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·754 | 0·151 | 86·7 | 76·6 | 97·9 | 79·9 | 139·5 | 77·5 | 0·781 | 62 | 327 | S by E | 13 | ... | Fine. |
| 2 | 29·721 | 0·147 | 86·2 | 78·2 | 102·3 | 79·6 | 142·9 | 78·5 | 0·858 | 68 | 306 | S by E | 23 | ... | Do. |
| 3 | 29·746 | 0·142 | 86·2 | 78·9 | 97·5 | 80·6 | 139·3 | 79·5 | 0·891 | 71 | 287 | S S E | 10 | ... | Do. |
| 4 | 29·802 | 0·133 | 85·3 | 78·8 | 94·5 | 79·9 | 140·3 | 78·1 | 0·898 | 74 | 289 | S S E | 13 | ... | Do. |
| 5 | 29·856 | 0·112 | 84·3 | 76·9 | 90·8 | 79·1 | 132·8 | 77·5 | 0·826 | 70 | 252 | SE by S | 15 | ... | Do. |
| 6 | 29·887 | 0·111 | 83·6 | 77·0 | 90·8 | 78·2 | 138·7 | 75·3 | 0·840 | 73 | 206 | S E | 13 | ... | Do. |
| 7 | 29·890 | 0·116 | 83·5 | 77·5 | 91·5 | 77·6 | 133·4 | 74·5 | 0·864 | 75 | 185 | SE by E | 23 | ... | Fine with passing clouds. |
| 8 | 29·887 | 0·129 | 84·5 | 77·6 | 91·6 | 77·6 | 134·4 | 74·5 | 0·854 | 72 | 164 | S E | 17 | ... | Do. |
| 9 | 29·920 | 0·122 | 83·6 | 76·4 | 91·5 | 77·4 | 134·9 | 74·0 | 0·816 | 70 | 160 | SE by S | 13 | ... | Do. |
| 10 | 29·895 | 0·142 | 83·5 | 76·6 | 93·3 | 77·3 | 145·2 | 74·0 | 0·823 | 72 | 158 | SE by S | 27 | ... | Do. |
| 11 | 29·819 | 0·153 | 83·9 | 76·4 | 93·8 | 77·1 | 139·5 | 74·4 | 0·810 | 69 | 178 | SE by S | 17 | ... | Fine. |
| 12 | 29·774 | 0·162 | 84·6 | 76·2 | 92·3 | 76·1 | 135·4 | 72·7 | 0·791 | 66 | 213 | SE by S | 27 | ... | Fine with passing clouds. |
| 13 | 29·813 | 0·128 | 85·5 | 78·3 | 93·6 | 80·0 | 136·5 | 77·0 | 0·873 | 71 | 174 | SE by S | 30 | ... | Do. |
| 14 | 29·836 | 0·109 | 85·4 | 78·2 | 93·9 | 80·6 | 138·4 | 78·5 | 0·869 | 71 | 138 | S E | 30 | ... | Passing clouds. |
| 15 | 29·824 | 0·118 | 84·5 | 78·1 | 92·7 | 77·8 | 135·9 | 75·3 | 0·876 | 74 | 159 | S E | 40 | ... | Do. |
| 16 | 29·792 | 0·129 | 84·0 | 78·0 | 92·2 | 76·9 | 134·9 | 73·5 | 0·879 | 75 | 164 | SE by S | 22 | ... | Fine with passing clouds. |
| 17 | 29·776 | 0·122 | 84·6 | 76·8 | 91·7 | 77·4 | 133·4 | 74·2 | 0·818 | 69 | 166 | SE by S | 13 | ... | Fine. |
| 18 | 29·800 | 0·092 | 84·0 | 77·1 | 91·9 | 77·2 | 129·7 | 73·6 | 0·838 | 72 | 150 | S E | 17 | ... | Do. |
| 19 | 29·797 | 0·099 | 83·1 | 75·8 | 92·6 | 75·4 | 133·7 | 71·2 | 0·794 | 70 | 120 | S E | 15 | ... | Do. |
| 20 | 29·768 | 0·109 | 84·7 | 77·3 | 93·9 | 76·3 | 132·9 | 73·4 | 0·839 | 70 | 146 | S E | 13 | ... | Do. |
| 21 | 29·743 | 0·125 | 85·4 | 79·1 | 94·9 | 77·4 | 135·9 | 73·9 | 0·910 | 75 | 152 | S E | 20 | ... | Do. |
| 22 | 29·694 | 0·129 | 86·9 | 78·4 | 99·8 | 79·8 | 140·5 | 76·4 | 0·858 | 67 | 186 | SE by S | 12 | ... | Do. |
| 23 | 29·678 | 0·114 | 86·6 | 80·3 | 96·7 | 80·4 | 137·2 | 77·4 | 0·950 | 75 | 166 | S E | 20 | ... | Do. |
| 24 | 29·704 | 0·095 | 86·5 | 78·7 | 95·6 | 80·0 | 135·5 | 77·3 | 0·877 | 69 | 146 | SE by E | 23 | ... | Fino with passing clouds. |
| 25 | 29·674 | 0·069 | 85·4 | 79·3 | 94·4 | 80·4 | 134·7 | 78·4 | 0·919 | 76 | 130 | E S E | 80 | ... | Cloudy. |
| 26 | 29·685 | 0·075 | 85·3 | 78·3 | 92·4 | 81·7 | 136·6 | 79·2 | 0·876 | 72 | 230 | SE by S | 67 | 0·02 | Do. |
| 27 | 29·687 | 0·133 | 85·0 | 77·5 | 91·6 | 80·6 | 137·5 | 78·9 | 0·844 | 70 | 320 | S by E | 47 | ... | Passing clouds. |
| 28 | 29·623 | 0·151 | 85·7 | 77·2 | 98·8 | 79·4 | 137·7 | 77·7 | 0·820 | 66 | 332 | S by W | 27 | ... | Do. |
| 29 | 29·585 | 0·136 | 88·1 | 76·6 | 101·8 | 81·4 | 142·2 | 77·9 | 0·762 | 57 | 353 | S S W | 18 | ... | Fine. |
| 30 | 29·556 | 0·109 | 87·4 | 76·7 | 101·9 | 82·0 | 140·8 | 79·9 | 0·775 | 60 | 324 | S by W | 30 | ... | Passing clouds. |
| 31 | 29·581 | 0·129 | 87·6 | 76·8 | 100·7 | 82·7 | 133·6 | 81·6 | 0·777 | 59 | 280 | South | 55 | ... | Do. |
| Mean | 29·760 | 0·122 | 85·2 | 77·6 | 94·8 | 79·0 | 136·9 | 76·3 | 0·845 | 70 | 212 | SE by S | 25 | 0·02 | |

# Madras Meteorological Observations. 1873—June.

| June 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·608 | 0·144 | 92·8 | 75·1 | 106·3 | 83·4 | 145·3 | 82·1 | 0·633 | 41 | 270 | S W | 60 | ... | Passing clouds. |
| 2 | 29·622 | 0·153 | 88·6 | 76·1 | 105·8 | 82·6 | 141·3 | 81·5 | 0·733 | 54 | 332 | S W by S | 32 | ... | Do. |
| 3 | 29·667 | 0·141 | 88·3 | 76·8 | 104·7 | 84·0 | 137·5 | 81·5 | 0·768 | 57 | 282 | S S W | 70 | ... | Fine with passing clouds. |
| 4 | 29·684 | 0·125 | 88·0 | 75·2 | 103·2 | 82·4 | 142·3 | 80·5 | 0·703 | 53 | 233 | S W | 80 | ... | Cloudy. |
| 5 | 29·701 | 0·119 | 89·9 | 74·1 | 99·7 | 82·5 | 135·1 | 81·1 | 0·631 | 44 | 211 | W by S | 77 | ... | Do. |
| 6 | 29·668 | 0·106 | 88·6 | 75·2 | 100·3 | 83·4 | 139·0 | 81·5 | 0·694 | 51 | 227 | South | 68 | ... | Do. |
| 7 | 29·634 | 0·114 | 86·5 | 75·5 | 97·6 | 82·4 | 131·1 | 81·5 | 0·735 | 58 | 225 | S S W | 75 | ... | Hazy. |
| 8 | 29·632 | 0·047 | 82·2 | 75·0 | 92·3 | 80·4 | 114·7 | 75·1 | 0·772 | 70 | 205 | S W | 93 | 0·30 | Cloudy : th. and lg. |
| 9 | 29·670 | 0·117 | 86·8 | 75·1 | 98·1 | 79·2 | 133·5 | 76·8 | 0·714 | 56 | 196 | W by S | 90 | ... | Cloudy. |
| 10 | 29·683 | 0·112 | 87·1 | 75·3 | 97·6 | 81·2 | 129·6 | 74·3 | 0·719 | 56 | 210 | W by S | 83 | 0·01 | Do. |
| 11 | 29·633 | 0·135 | 87·5 | 75·6 | 103·4 | 82·4 | 139·9 | 81·5 | 0·726 | 56 | 263 | S W by W | 80 | 0·15 | Do. |
| 12 | 29·642 | 0·126 | 89·1 | 76·0 | 100·5 | 81·1 | 137·5 | 79·5 | 0·722 | 53 | 205 | S W by S | 80 | ... | Do. |
| 13 | 29·680 | 0·136 | 88·8 | 75·5 | 103·9 | 82·4 | 139·3 | 80·6 | 0·704 | 52 | 275 | S W by S | 75 | 0·17 | Do. |
| 14 | 29·693 | 0·147 | 88·5 | 76·2 | 104·5 | 81·0 | 143·3 | 78·6 | 0·739 | 55 | 249 | West | 60 | 0·10 | Do. |
| 15 | 29·686 | 0·162 | 87·3 | 76·6 | 101·5 | 80·4 | 143·5 | 78·3 | 0·772 | 60 | 205 | S W by W | 87 | 0·14 | Do. |
| 16 | 29·682 | 0·120 | 85·2 | 75·3 | 101·5 | 80·2 | 136·8 | 77·5 | 0·745 | 61 | 265 | S W by W | 67 | 0·06 | Do. |
| 17 | 29·698 | 0·144 | 86·1 | 75·8 | 103·4 | 79·2 | 137·3 | 76·6 | 0·753 | 60 | 227 | S by W | 63 | ... | Passing clouds. |
| 18 | 29·674 | 0·151 | 88·0 | 76·1 | 104·4 | 82·5 | 141·6 | 79·7 | 0·741 | 56 | 252 | S S W | 55 | ... | Light clouds. |
| 19 | 29·725 | 0·077 | 86·2 | 75·6 | 101·2 | 83·2 | 133·9 | 81·5 | 0·744 | 59 | 204 | S S W | 77 | 0·06 | Cloudy. |
| 20 | 29·711 | 0·127 | 85·9 | 75·6 | 101·2 | 78·5 | 141·9 | 76·0 | 0·748 | 60 | 180 | S S E | 80 | ... | Do. |
| 21 | 29·677 | 0·116 | 88·2 | 75·8 | 103·1 | 83·7 | 140·6 | 82·5 | 0·726 | 54 | 261 | S S W | 73 | ... | Do. |
| 22 | 29·672 | 0·113 | 87·4 | 76·0 | 103·7 | 82·7 | 139·2 | 81·0 | 0·745 | 57 | 268 | S S W | 50 | ... | Light passing clouds. |
| 23 | 29·704 | 0·097 | 88·0 | 76·6 | 103·5 | 82·5 | 143·6 | 81·1 | 0·763 | 57 | 222 | S by E | 50 | ... | Do. |
| 24 | 29·745 | 0·122 | 84·4 | 75·5 | 101·3 | 81·7 | 141·7 | 79·5 | 0·763 | 64 | 171 | S W | 85 | 0·84 | Cloudy : thunderstorm. |
| 25 | 29·706 | 0·127 | 86·2 | 75·7 | 100·2 | 77·0 | 132·5 | 74·9 | 0·748 | 60 | 246 | W S W | 57 | 0·08 | Passing clouds. |
| 26 | 29·697 | 0·134 | 85·3 | 75·3 | 101·1 | 78·7 | 135·7 | 76·7 | 0·744 | 61 | 259 | S W | 42 | ... | Do. |
| 27 | 29·679 | 0·129 | 86·4 | 76·3 | 102·2 | 79·5 | 142·1 | 77·5 | 0·771 | 61 | 246 | S W by S | 37 | 0·05 | Fine with passing clouds : lg. N. |
| 28 | 29·674 | 0·126 | 85·9 | 75·9 | 98·7 | 79·5 | 134·9 | 75·5 | 0·761 | 61 | 269 | S S W | 47 | ... | Light passing clouds. |
| 29 | 29·668 | 0·120 | 87·2 | 76·0 | 101·2 | 81·5 | 136·6 | 80·8 | 0·748 | 58 | 260 | S W by S | 20 | ... | Passing clouds. |
| 30 | 29·679 | 0·121 | 91·2 | 74·5 | 102·2 | 83·2 | 141·5 | 82·4 | 0·630 | 44 | 275 | West | 70 | ... | Cloudy. |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·677 | 0·124 | 87·4 | 75·6 | 101·6 | 81·4 | 137·8 | 79·3 | 0·730 | 56 | 238 | S W | 66 | 1·96 | |

# Madras Meteorological Observations. 1873—July.

| July 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·689 | 0·118 | 86·5 | 74·2 | 97·5 | 83·6 | 124·9 | 81·4 | 0·681 | 54 | 242 | W by S | 90 | 0·33 | Cloudy: th. lg. and rain. |
| 2 | 29·689 | 0·121 | 83·3 | 74·2 | 92·7 | 77·8 | 120·1 | 77·4 | 0·725 | 62 | 178 | W S W | 100 | 0·06 | Overcast. |
| 3 | 29·681 | 0·134 | 85·3 | 73·4 | 95·3 | 77·5 | 126·7 | 75·4 | 0·663 | 54 | 248 | SWbyW | 93 | ... | Cloudy. |
| 4 | 29·656 | 0·141 | 85·5 | 74·4 | 101·9 | 77·7 | 140·8 | 73·4 | 0·703 | 58 | 258 | SW by S | 67 | ... | Passing clouds. |
| 5 | 29·681 | 0·126 | 83·4 | 75·2 | 100·7 | 77·7 | 142·0 | 73·9 | 0·765 | 66 | 191 | S S W | 70 | 0·36 | Cloudy : light thunderstorm. |
| 6 | 29·698 | 0·144 | 86·2 | 75·9 | 96·5 | 78·3 | 133·4 | 77·3 | 0·757 | 60 | 185 | W by S | 83 | ... | Hazy clouds : lg. |
| 7 | 29·736 | 0·121 | 86·1 | 74·8 | 95·0 | 82·5 | 128·5 | 80·1 | 0·711 | 57 | 255 | SWbyW | 97 | ... | Overcast. |
| 8 | 29·783 | 0·121 | 86·7 | 73·5 | 96·2 | 81·3 | 125·2 | 78·9 | 0·649 | 51 | 203 | S W | 93 | ... | Cloudy. |
| 9 | 29·773 | 0·142 | 88·1 | 72·4 | 102·2 | 79·8 | 138·9 | 76·4 | 0·586 | 44 | 220 | SWbyW | 73 | ... | Do. |
| 10 | 29·747 | 0·158 | 86·9 | 72·2 | 97·6 | 76·6 | 132·6 | 74·8 | 0·593 | 46 | 204 | SWbyW | 67 | ... | Do. |
| 11 | 29·746 | 0·114 | 89·9 | 72·9 | 98·4 | 81·6 | 140·5 | 78·6 | 0·581 | 41 | 265 | S W | 63 | ... | Passing clouds. |
| 12 | 29·709 | 0·137 | 88·1 | 73·5 | 99·5 | 82·6 | 139·6 | 80·4 | 0·631 | 48 | 270 | S S W | 73 | 0·27 | Cloudy. |
| 13 | 29·708 | 0·094 | 87·3 | 73·3 | 94·1 | 80·8 | 127·6 | 78·7 | 0·632 | 49 | 275 | W S W | 73 | ... | Do. |
| 14 | 29·697 | 0·139 | 86·7 | 74·7 | 99·6 | 80·5 | 137·5 | 77·4 | 0·699 | 55 | 254 | S W | 63 | 0·14 | Passing clouds. |
| 15 | 29·686 | 0·160 | 85·7 | 76·2 | 100·3 | 79·4 | 141·4 | 76·4 | 0·777 | 63 | 214 | SW by S | 70 | 0·23 | Do. |
| 16 | 29·704 | 0·126 | 85·0 | 75·5 | 100·0 | 79·2 | 133·6 | 76·6 | 0·756 | 63 | 218 | SW by S | 80 | 0·01 | Cloudy. |
| 17 | 29·687 | 0·146 | 88·3 | 75·6 | 103·9 | 78·8 | 143·4 | 76·6 | 0·715 | 54 | 254 | SW by S | 60 | ... | Passing clouds : lg. S. |
| 18 | 29·630 | 0·169 | 89·9 | 76·0 | 103·2 | 81·5 | 139·6 | 79·2 | 0·711 | 50 | 230 | W by S | 73 | ... | Hazy clouds. |
| 19 | 29·622 | 0·154 | 90·6 | 74·5 | 101·5 | 84·7 | 136·9 | 78·8 | 0·638 | 45 | 232 | West | 77 | ... | Cloudy. |
| 20 | 29·645 | 0·124 | 88·0 | 75·3 | 101·8 | 83·7 | 142·8 | 82·6 | 0·707 | 53 | 243 | SW by S | 70 | ... | Cloudy : lg. S. |
| 21 | 29·703 | 0·102 | 85·5 | 74·5 | 103·1 | 81·3 | 137·8 | 78·6 | 0·707 | 58 | 247 | S W | 67 | 0·11 | Cloudy. |
| 22 | 29·688 | 0·138 | 87·0 | 74·0 | 99·3 | 80·4 | 135·8 | 77·4 | 0·666 | 52 | 236 | W S W | 80 | 0·34 | Cloudy : rain : lg. S. |
| 23 | 29·678 | 0·137 | 81·8 | 75·0 | 97·5 | 78·6 | 134·6 | 76·4 | 0·778 | 72 | 169 | SW by S | 87 | 0·36 | Cloudy : rain. |
| 24 | 29·715 | 0·125 | 86·3 | 74·1 | 96·6 | 76·8 | 135·1 | 74·0 | 0·679 | 54 | 222 | W S W | 70 | 0·02 | Cloudy. |
| 25 | 29·743 | 0·139 | 85·8 | 75·6 | 98·2 | 79·5 | 137·3 | 75·8 | 0·749 | 60 | 205 | SWbyW | 73 | ... | Do. |
| 26 | 29·741 | 0·117 | 84·9 | 75·5 | 96·6 | 80·2 | 135·5 | 77·7 | 0·757 | 63 | 203 | S S W | 63 | ... | Do. |
| 27 | 29·709 | 0·126 | 84·6 | 76·5 | 98·8 | 78·8 | 141·7 | 76·8 | 0·805 | 68 | 231 | South | 63 | ... | Light clouds. |
| 28 | 29·747 | 0·109 | 83·5 | 76·2 | 95·5 | 76·5 | 135·0 | 74·6 | 0·806 | 70 | 275 | SW by S | 67 | ... | Light passing clouds. |
| 29 | 29·799 | 0·121 | 83·2 | 75·9 | 98·2 | 75·8 | 141·8 | 73·6 | 0·797 | 70 | 232 | SW by S | 50 | ... | Passing clouds. |
| 30 | 29·810 | 0·131 | 85·1 | 75·2 | 93·0 | 77·5 | 124·8 | 74·7 | 0·742 | 61 | 162 | West | 73 | ... | Hazy clouds. |
| 31 | 29·748 | 0·163 | 85·9 | 76·0 | 99·8 | 80·0 | 138·3 | 78·0 | 0·765 | 61 | 209 | S by W | 70 | ... | Cloudy. |
| Mean | 29·711 | 0·132 | 86·2 | 74·7 | 98·5 | 79·7 | 135·3 | 77·2 | 0·707 | 57 | 227 | S W | 74 | 2·23 | |

# Madras Meteorological Observations. 1873—August.

| August 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·749 | 0·110 | 83·7 | 73·2 | 92·5 | 80·6 | 124·8 | 78·5 | 0·677 | 59 | 182 | SWbyW | 93 | ... | Cloudy. |
| 2 | 29·762 | 0·097 | 78·3 | 73·6 | 83·9 | 75·5 | 99·8 | 71·9 | 0·766 | 79 | 148 | S W | 100 | 0·83 | Overcast: rain. |
| 3 | 29·769 | 0·114 | 78·2 | 73·9 | 84·9 | 74·2 | 104·6 | 72·3 | 0·779 | 81 | 193 | S W | 100 | 0·09 | Overcast. |
| 4 | 29·693 | 0·166 | 80·5 | 74·8 | 91·1 | 74·9 | 136·2 | 72·7 | 0·786 | 75 | 142 | W by S | 97 | 0·22 | Cloudy: rain. |
| 5 | 29·681 | 0·111 | 82·5 | 75·2 | 90·6 | 77·4 | 123·9 | 74·7 | 0·777 | 70 | 113 | W by N | 90 | ... | Cloudy. |
| 6 | 29·738 | 0·132 | 82·5 | 75·9 | 95·6 | 75·6 | 141·3 | 72·5 | 0·807 | 73 | 129 | SW by S | 75 | ... | Do. |
| 7 | 29·797 | 0·122 | 83·9 | 76·4 | 94·1 | 79·5 | 129·4 | 77·3 | 0·810 | 69 | 155 | S S E | 68 | ... | Light passing clouds. |
| 8 | 29·824 | 0·120 | 85·0 | 77·2 | 96·6 | 78·6 | 136·7 | 76·6 | 0·830 | 69 | 133 | SE by S | 42 | ... | Light clouds. |
| 9 | 29·829 | 0·134 | 84·6 | 77·6 | 91·6 | 80·4 | 138·9 | 78·5 | 0·853 | 72 | 229 | SE by S | 40 | ... | Do. |
| 10 | 29·828 | 0·129 | 84·2 | 76·7 | 96·4 | 77·4 | 136·0 | 75·8 | 0·819 | 70 | 188 | South | 10 | ... | Fine. |
| 11 | 29·843 | 0·120 | 84·4 | 76·0 | 92·2 | 79·2 | 133·9 | 77·3 | 0·785 | 66 | 225 | S S E | 12 | ... | Do. |
| 12 | 29·868 | 0·119 | 84·0 | 77·4 | 93·0 | 78·4 | 139·9 | 75·5 | 0·840 | 70 | 185 | SE by S | 27 | ... | Passing clouds. |
| 13 | 29·833 | 0·152 | 83·9 | 76·9 | 96·3 | 78·9 | 140·2 | 76·7 | 0·831 | 72 | 196 | S by E | 43 | ... | Light passing clouds. |
| 14 | 29·792 | 0·102 | 84·9 | 75·9 | 93·7 | 79·4 | 134·6 | 77·5 | 0·774 | 64 | 204 | South | 33 | 0·02 | Fine with passing clouds. |
| 15 | 29·776 | 0·126 | 83·5 | 75·1 | 96·7 | 76·6 | 141·6 | 74·5 | 0·759 | 65 | 159 | SWbyW | 53 | 0·15 | Passing clouds. |
| 16 | 29·782 | 0·125 | 85·0 | 76·4 | 96·4 | 76·9 | 138·4 | 74·6 | 0·783 | 63 | 171 | S S W | 40 | ... | Fine with light clouds. |
| 17 | 29·760 | 0·116 | 86·5 | 75·4 | 97·6 | 78·3 | 139·1 | 76·7 | 0·732 | 58 | 157 | S by W | 40 | ... | Do. |
| 18 | 29·761 | 0·124 | 86·6 | 75·9 | 96·1 | 80·0 | 142·7 | 78·1 | 0·751 | 59 | 131 | S by W | 63 | ... | Passing clouds. |
| 19 | 29·740 | 0·158 | 84·0 | 75·4 | 98·7 | 76·3 | 144·7 | 74·6 | 0·766 | 65 | 166 | S W | 70 | 0·08 | Cloudy. |
| 20 | 29·732 | 0·111 | 84·2 | 75·1 | 98·1 | 76·4 | 141·6 | 74·5 | 0·750 | 64 | 166 | SW by W | 63 | ... | Do. |
| 21 | 29·714 | 0·151 | 84·6 | 75·8 | 98·5 | 75·8 | 146·0 | 73·4 | 0·774 | 65 | 157 | W S W | 37 | 0·07 | Fine with passing clouds. |
| 22 | 29·714 | 0·098 | 79·2 | 75·7 | 93·0 | 77·3 | 139·2 | 75·9 | 0·843 | 85 | 93 | W S W | 77 | 1·22 | Cloudy: rain. |
| 23 | 29·677 | 0·110 | 80·5 | 75·9 | 88·9 | 76·3 | 135·5 | 74·6 | 0·834 | 80 | 133 | S S W | 67 | 0·05 | Cloudy. |
| 24 | 29·664 | 0·150 | 84·2 | 76·7 | 96·2 | 75·9 | 137·1 | 74·2 | 0·819 | 70 | 178 | S W | 63 | 0·18 | Passing clouds: thunderstorm. |
| 25 | 29·681 | 0·100 | 81·7 | 76·0 | 88·9 | 77·3 | 123·6 | 76·4 | 0·822 | 76 | 79 | W S W | 90 | ... | Cloudy. |
| 26 | 29·687 | 0·124 | 83·2 | 74·7 | 92·0 | 78·3 | 124·9 | 77·2 | 0·746 | 65 | 170 | West | 83 | 0·07 | Do. |
| 27 | 29·697 | 0·135 | 84·3 | 74·3 | 93·6 | 79·4 | 127·9 | 78·2 | 0·715 | 60 | 275 | S W | 93 | ... | Do. |
| 28 | 29·721 | 0·095 | 83·9 | 74·5 | 95·2 | 79·2 | 137·0 | 77·5 | 0·728 | 62 | 257 | W S W | 80 | 0·01 | Do. |
| 29 | 29·734 | 0·132 | 86·9 | 73·8 | 97·5 | 79·2 | 142·0 | 77·6 | 0·660 | 52 | 260 | W by S | 68 | ... | Passing clouds. |
| 30 | 29·738 | 0·185 | 88·0 | 73·2 | 98·3 | 78·9 | 151·4 | 76·9 | 0·619 | 46 | 266 | W by S | 63 | ... | Do. |
| 31 | 29·744 | 0·145 | 83·9 | 74·0 | 99·1 | 80·3 | 142·7 | 78·6 | 0·707 | 60 | 219 | West | 63 | 0·40 | Passing clouds: rain. |
| Mean | 29·753 | 0·126 | 83·6 | 75·4 | 94·1 | 77·8 | 134·7 | 75·8 | 0·772 | 67 | 176 | SW by S | 63 | 3·39 | |

# Madras Meteorological Observations. 1873—September.

| September 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Snn | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·709 | 0·128 | 81·9 | 75·1 | 91·6 | 75·4 | 134·3 | 74·5 | 0·781 | 72 | 109 | West | 95 | 0·18 | Cloudy with rain. |
| 2 | 29·730 | 0·138 | 82·8 | 74·6 | 92·2 | 78·8 | 126·6 | 76·7 | 0·747 | 66 | 203 | W by S | 95 | 0·24 | Do. |
| 3 | 29·725 | 0·161 | 85·1 | 74·8 | 94·2 | 77·4 | 135·8 | 74·6 | 0·725 | 60 | 196 | SW by W | 75 | ... | Clondy. |
| 4 | 29·729 | 0·134 | 86·5 | 75·6 | 96·3 | 79·2 | 141·7 | 76·4 | 0·739 | 58 | 249 | SW by W | 70 | ... | Do. |
| 5 | 29·743 | 0·128 | 86·1 | 74·6 | 97·2 | 78·4 | 136·8 | 75·6 | 0·703 | 57 | 263 | S W | 65 | ... | Do. |
| 6 | 29·789 | 0·112 | 84·2 | 75·8 | 97·4 | 78·4 | 138·4 | 76·5 | 0·779 | 66 | 224 | S S W | 70 | ... | Do. |
| 7 | 29·824 | 0·145 | 85·7 | 74·8 | 99·2 | 79·6 | 143·2 | 77·6 | 0·716 | 58 | 236 | SW by S | 60 | ... | Passing clouds. |
| 8 | 29·840 | 0·132 | 85·5 | 75·0 | 99·5 | 78·6 | 143·6 | 76·6 | 0·728 | 59 | 224 | S by W | 43 | ... | Do. |
| 9 | 29·832 | 0·133 | 84·4 | 74·7 | 95·6 | 77·6 | 142·1 | 75·6 | 0·730 | 62 | 203 | South | 33 | ... | Fine with light clouds. |
| 10 | 29·811 | 0·111 | 84·9 | 75·2 | 98·5 | 78·9 | 146·2 | 76·2 | 0·745 | 62 | 195 | S by E | 30 | ... | Fine. |
| 11 | 29·775 | 0·161 | 85·7 | 75·5 | 97·5 | 79·3 | 148·7 | 76·8 | 0·746 | 61 | 196 | Sonth | 28 | ... | Fine with passing clouds. |
| 12 | 29·725 | 0·153 | 86·2 | 74·3 | 98·7 | 80·3 | 148·2 | 78·6 | 0·688 | 55 | 207 | South | 43 | ... | Do. |
| 13 | 29·737 | 0·120 | 86·4 | 75·8 | 101·9 | 81·3 | 151·0 | 79·6 | 0·750 | 60 | 215 | South | 57 | ... | Passing clouds. |
| 14 | 29·758 | 0·145 | 86·2 | 75·0 | 100·3 | 79·6 | 144·2 | 77·2 | 0·718 | 58 | 222 | S by W | 60 | ... | Do. |
| 15 | 29·795 | 0·137 | 85·0 | 73·1 | 96·9 | 78·6 | 142·3 | 76·4 | 0·655 | 54 | 229 | S by E | 10 | ... | Fine |
| 16 | 29·819 | 0·139 | 85·8 | 75·2 | 97·6 | 78·1 | 147·1 | 75·5 | 0·733 | 59 | 159 | SE by S | 33 | ... | Fine with passing clouds. |
| 17 | 29·830 | 0·073 | 82·7 | 76·7 | 95·4 | 80·1 | 147·6 | 78·4 | 0·839 | 75 | 90 | South | 85 | 0·33 | Cloudy : rain. |
| 18 | 29·824 | 0·127 | 79·9 | 75·6 | 86·4 | 76·1 | 109·9 | 74·3 | 0·829 | 81 | 79 | S S W | 83 | 0·12 | Do. : do. |
| 19 | 29·806 | 0·148 | 82·6 | 77·0 | 91·4 | 75·6 | 142·8 | 73·4 | 0·854 | 77 | 113 | South | 40 | ... | Fine with passing clouds. |
| 20 | 29·784 | 0·154 | 82·7 | 77·4 | 89·4 | 76·4 | 139·8 | 74·2 | 0·870 | 78 | 124 | SE by S | 27 | ... | Do. |
| 21 | 29·771 | 0·108 | 81·8 | 77·2 | 89·8 | 75·9 | 132·6 | 73·8 | 0·873 | 81 | 155 | S S E | 63 | 1·16 | Cloudy : rain. |
| 22 | 29·757 | 0·153 | 80·6 | 76·3 | 94·2 | 73·5 | 137·3 | 71·9 | 0·850 | 81 | 170 | S S W | 73 | 0·32 | Thunderstorm. |
| 23 | 29·765 | 0·159 | 81·9 | 75·3 | 91·9 | 72·2 | 129·3 | 70·3 | 0·790 | 73 | 203 | S W | 60 | 0·63 | Do. |
| 24 | 29·785 | 0·136 | 82·7 | 76·7 | 92·1 | 76·7 | 137·6 | 75·3 | 0·839 | 75 | 145 | S S E | 80 | ... | Cloudy. |
| 25 | 29·816 | 0·123 | 79·3 | 75·2 | 84·0 | 77·5 | 99·5 | 76·3 | 0·821 | 82 | 108 | SW by S | 83 | 0·01 | Do. |
| 26 | 29·812 | 0·138 | 82·1 | 76·9 | 93·5 | 76·5 | 138·9 | 73·6 | 0·857 | 78 | 162 | S by W | 40 | ... | Passing clouds. |
| 27 | 29·838 | 0·189 | 82·6 | 75·5 | 91·7 | 76·5 | 140·4 | 75·5 | 0·788 | 71 | 169 | South | 60 | ... | Fine with passing clouds : lg. |
| 28 | 29·812 | 0·135 | 82·5 | 75·6 | 93·3 | 77·5 | 137·8 | 76·3 | 0·793 | 71 | 186 | West | 63 | ... | Light clouds : lg. |
| 29 | 29·804 | 0·097 | 81·6 | 75·9 | 93·2 | 75·9 | 143·8 | 73·7 | 0·820 | 76 | 160 | SW by S | 70 | 0·02 | Clondy : lg. |
| 30 | 29·825 | 0·106 | 80·5 | 75·3 | 97·1 | 76·6 | 141·7 | 74·1 | 0·808 | 77 | 175 | Sonth | 80 | 0·01 | Do. : do. |
| Mean | 29·786 | 0·134 | 83·5 | 75·5 | 94·6 | 77·5 | 138·3 | 75·5 | 0·777 | 68 | 179 | S S W | 59 | 3·02 | |

# Madras Meteorological Observations. 1873—October.

| October 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·808 | 0·125 | 81·4 | 75·9 | 95·2 | 78·1 | 139·3 | 75·7 | 0·822 | 77 | 145 | S by W | 67 | 0·18 | Cloudy : thunderstorm at 2 P.M. |
| 2 | 29·819 | 0·138 | 80·7 | 75·2 | 92·7 | 75·5 | 144·4 | 73·3 | 0·801 | 76 | 136 | SW by S | 60 | ... | Cloudy. |
| 3 | 29·791 | 0·151 | 76·6 | 74·5 | 82·9 | 71·3 | 110·2 | 70·3 | 0·827 | 91 | 115 | W S W | 73 | 1·41 | Heavy thunderstorm. |
| 4 | 29·757 | 0·149 | 79·7 | 76·7 | 89·8 | 74·5 | 138·7 | 72·5 | 0·880 | 87 | 103 | NW by W | 40 | 0·24 | Passing clouds : th. and lg. |
| 5 | 29·764 | 0·131 | 81·3 | 77·1 | 88·1 | 75·0 | 131·5 | 73·5 | 0·875 | 82 | 119 | E by S | 70 | 0·91 | Cloudy : showers. |
| 6 | 29·804 | 0·132 | 81·7 | 77·6 | 88·3 | 75·4 | 139·1 | 73·7 | 0·893 | 83 | 104 | E by N | 53 | 0·29 | Passing clouds : rain. |
| 7 | 29·812 | 0·116 | 79·6 | 76·3 | 89·1 | 77·2 | 135·9 | 75·7 | 0·863 | 86 | 129 | NW by W | 70 | 0·24 | Cloudy with rain. |
| 8 | 29·787 | 0·106 | 76·6 | 74·8 | 78·1 | 76·5 | 91·7 | 75·0 | 0·839 | 92 | 195 | N W | 97 | 0·52 | Overcast with rain. |
| 9 | 29·782 | 0·113 | 75·6 | 74·0 | 77·9 | 74·5 | 114·8 | 73·3 | 0·820 | 93 | 168 | N W | 100 | 1·76 | Overcast. |
| 10 | 29·781 | 0·100 | 78·9 | 75·9 | 84·8 | 74·1 | 129·7 | 72·5 | 0·855 | 87 | 158 | N N W | 83 | 0·02 | Cloudy. |
| 11 | 29·782 | 0·152 | 81·4 | 76·8 | 87·6 | 75·3 | 137·9 | 73·3 | 0·861 | 81 | 123 | S W | 67 | 0·24 | Passing clouds : rain. |
| 12 | 29·766 | 0·136 | 80·4 | 76·9 | 91·7 | 74·6 | 140·0 | 72·4 | 0·879 | 85 | 121 | W by S | 77 | 0·89 | Cloudy : th. and lg. |
| 13 | 29·798 | 0·113 | 77·7 | 75·6 | 89·2 | 73·7 | 139·3 | 72·3 | 0·859 | 91 | 151 | S S E | 97 | 1·82 | Overcast with rain : th. & lg. |
| 14 | 29·841 | 0·116 | 77·6 | 74·9 | 87·7 | 74·5 | 136·7 | 72·7 | 0·830 | 88 | 103 | W by N | 97 | 1·14 | Do. : do. |
| 15 | 29·793 | 0·138 | 77·9 | 74·6 | 85·3 | 73·8 | 135·7 | 72·5 | 0·814 | 85 | 171 | W N W | 80 | ... | Cloudy. |
| 16 | 29·784 | 0·108 | 78·3 | 74·1 | 83·0 | 75·5 | 126·6 | 73·4 | 0·787 | 81 | 258 | N W | 67 | ... | Cloudy : lg. S. E. |
| 17 | 29·806 | 0·081 | 76·7 | 74·2 | 80·9 | 75·4 | 119·1 | 74·1 | 0·813 | 88 | 224 | N W | 93 | 0·09 | Cloudy. |
| 18 | 29·809 | 0·104 | 78·1 | 74·9 | 83·4 | 73·1 | 129·6 | 71·3 | 0·823 | 85 | 210 | N W by N | 90 | 0·02 | Cloudy : lg. S. E. |
| 19 | 29·782 | 0·144 | 79·7 | 74·8 | 86·5 | 74·6 | 134·6 | 71·4 | 0·798 | 78 | 141 | NW by N | 77 | ... | Cloudy. |
| 20 | 29·767 | 0·121 | 77·4 | 74·1 | 85·5 | 73·7 | 128·6 | 71·4 | 0·800 | 85 | 177 | W by N | 87 | 0·11 | Do. |
| 21 | 29·799 | 0·113 | 79·5 | 75·7 | 86·2 | 75·1 | 131·6 | 72·6 | 0·839 | 84 | 132 | South | 50 | ... | Fine with passing clouds. |
| 22 | 29·840 | 0·090 | 81·6 | 77·2 | 88·2 | 75·6 | 134·5 | 72·4 | 0·875 | 81 | 97 | East | 63 | ... | Passing clouds : lg. |
| 23 | 29·839 | 0·122 | 76·7 | 74·7 | 83·8 | 75·6 | 132·6 | 73·0 | 0·834 | 91 | 72 | NW by N | 93 | 0·47 | Cloudy with rain. |
| 24 | 29·798 | 0·121 | 78·0 | 74·8 | 83·3 | 75·4 | 137·8 | 73·4 | 0·820 | 85 | 202 | NW by N | 87 | 0·21 | Cloudy. |
| 25 | 29·808 | 0·080 | 79·6 | 75·6 | 85·9 | 75·6 | 139·6 | 73·4 | 0·833 | 82 | 129 | W N W | 73 | 0·04 | Cloudy : lg. S. W. |
| 26 | 29·843 | 0·123 | 79·6 | 76·4 | 89·9 | 74·9 | 134·5 | 72·2 | 0·868 | 86 | 102 | NW by W | 60 | 0·01 | Passing clouds. |
| 27 | 29·831 | 0·129 | 79·8 | 76·0 | 90·1 | 74·9 | 138·6 | 72·6 | 0·848 | 83 | 74 | NE by N | 57 | ... | Light passing clouds : lg. S. W. |
| 28 | 29·859 | 0·102 | 79·3 | 76·4 | 85·4 | 77·1 | 100·0 | 73·4 | 0·871 | 87 | 83 | S W | 73 | ... | Cloudy. |
| 29 | 29·914 | 0·094 | 79·6 | 75·6 | 88·8 | 75·2 | 142·3 | 71·4 | 0·833 | 82 | 83 | N N E | 57 | ... | Passing clouds. |
| 30 | 29·937 | 0·111 | 79·0 | 74·0 | 89·5 | 73·6 | 138·7 | 69·8 | 0·774 | 78 | 115 | NE by E | 60 | ... | Light passing clouds. |
| 31 | 29·936 | 0·117 | 77·5 | 70·2 | 87·6 | 70·6 | 132·8 | 65·3 | 0·642 | 68 | 130 | N by W | 27 | ... | Fine with light clouds. |
| Mean | 29·814 | 0·119 | 79·0 | 75·3 | 86·7 | 74·8 | 131·2 | 72·6 | 0·831 | 84 | 138 | NW by W | 72 | 10·61 | |

## Madras Meteorological Observations. 1873—November.

| November 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·917 | 0·129 | 77·0 | 67·2 | 89·2 | 65·7 | 133·8 | 59·3 | 0·537 | 58 | 132 | N N W | 43 | ... | Fine with light clouds. |
| 2 | 29·907 | 0·120 | 75·9 | 66·1 | 87·6 | 66·2 | 136·6 | 59·6 | 0·511 | 57 | 131 | N W by W | 50 | ... | Light clouds. |
| 3 | 29·897 | 0·118 | 76·6 | 66·4 | 86·2 | 64·0 | 134·8 | 57·3 | 0·513 | 56 | 125 | N W | 73 | ... | Cloudy. |
| 4 | 29·929 | 0·105 | 78·2 | 69·0 | 88·6 | 68·2 | 132·7 | 64·3 | 0·587 | 61 | 94 | S W by W | 73 | 0·05 | Do. |
| 5 | 29·992 | 0·101 | 77·1 | 72·2 | 84·3 | 73·1 | 121·2 | 69·3 | 0·725 | 77 | 83 | S E | 57 | ... | Cloudy day: fine night. |
| 6 | 30·000 | 0·112 | 77·6 | 72·5 | 88·5 | 69·1 | 136·6 | 63·3 | 0·732 | 78 | 120 | N E by E | 53 | ... | Fine with passing clouds. |
| 7 | 29·981 | 0·129 | 78·3 | 74·5 | 86·6 | 72·6 | 136·4 | 68·2 | 0·804 | 83 | 114 | N by E | 60 | 0·12 | Passing clouds. |
| 8 | 29·985 | 0·116 | 79·5 | 74·5 | 87·5 | 71·5 | 134·0 | 67·1 | 0·788 | 78 | 92 | N E by N | 20 | ... | Fine with light clouds. |
| 9 | 29·980 | 0·112 | 80·7 | 75·9 | 89·2 | 74·4 | 140·8 | 71·3 | 0·831 | 79 | 158 | N N E | 43 | 0·01 | Fine with passing clouds. |
| 10 | 29·990 | 0·093 | 81·0 | 75·7 | 89·4 | 75·2 | 138·8 | 72·3 | 0·818 | 77 | 199 | N N E | 43 | 0·04 | Passing clouds. |
| 11 | 29·997 | 0·114 | 80·6 | 73·9 | 88·4 | 74·2 | 136·6 | 70·3 | 0·747 | 71 | 256 | N N E | 43 | ... | Fine with passing clouds. |
| 12 | 29·991 | 0·089 | 79·1 | 74·3 | 87·8 | 74·2 | 137·5 | 71·1 | 0·785 | 79 | 188 | N E | 82 | ... | Cloudy: lg. |
| 13 | 29·997 | 0·126 | 76·4 | 73·6 | 80·6 | 73·2 | 99·7 | 69·3 | 0·792 | 87 | 121 | N N E | 70 | 1·13 | Cloudy: rain: lg. N.E. |
| 14 | 29·971 | 0·112 | 76·8 | 74·1 | 85·3 | 73·0 | 137·7 | 70·7 | 0·808 | 87 | 164 | North | 93 | 1·58 | Overcast: rain. |
| 15 | 29·987 | 0·089 | 79·1 | 74·8 | 85·4 | 75·2 | 137·6 | 72·3 | 0·806 | 81 | 260 | N N E | 80 | 0·09 | Cloudy: lg. S. |
| 16 | 30·041 | 0·100 | 79·7 | 72·7 | 86·9 | 75·2 | 134·9 | 71·2 | 0·711 | 70 | 265 | N N E | 50 | ... | Fine with passing clouds. |
| 17 | 30·018 | 0·140 | 79·5 | 72·0 | 86·3 | 75·4 | 132·9 | 71·4 | 0·685 | 68 | 298 | N by E | 35 | ... | Passing clouds. |
| 18 | 30·000 | 0·134 | 78·1 | 70·6 | 85·7 | 70·4 | 132·8 | 66·2 | 0·649 | 68 | 230 | N by E | 50 | ... | Light passing clouds. |
| 19 | 29·989 | 0·128 | 78·5 | 71·0 | 84·8 | 71·7 | 129·9 | 67·3 | 0·659 | 68 | 300 | N by E | 50 | ... | Passing clouds. |
| 20 | 29·979 | 0·125 | 79·6 | 72·7 | 86·4 | 77·3 | 137·6 | 74·7 | 0·712 | 70 | 356 | N by E | 67 | ... | Cloudy. |
| 21 | 29·975 | 0·122 | 73·6 | 72·0 | 79·1 | 72·4 | 122·8 | 71·0 | 0·765 | 93 | 239 | N by W | 87 | 1·35 | Cloudy with rain. |
| 22 | 29·974 | 0·122 | 75·5 | 72·5 | 81·5 | 69·9 | 129·9 | 69·1 | 0·760 | 86 | 184 | N N W | 77 | 2·40 | Do. |
| 23 | 29·982 | 0·098 | 75·4 | 71·7 | 83·1 | 71·3 | 126·5 | 70·5 | 0·728 | 83 | 262 | N by E | 67 | 0·41 | Cloudy day: fine night. |
| 24 | 29·948 | 0·121 | 76·1 | 71·5 | 82·7 | 70·6 | 132·9 | 67·5 | 0·712 | 79 | 249 | North | 50 | 0·01 | Passing clouds. |
| 25 | 29·942 | 0·102 | 76·3 | 72·7 | 80·9 | 74·0 | 102·9 | 71·0 | 0·757 | 84 | 225 | N N E | 87 | 0·12 | Cloudy. |
| 26 | 29·910 | 0·091 | 74·8 | 73·8 | 79·9 | 72·2 | 120·9 | 69·5 | 0·822 | 95 | 140 | N N W | 90 | 0·74 | Cloudy with rain. |
| 27 | 29·872 | 0·110 | 74·0 | 72·2 | 76·5 | 71·4 | 96·8 | 70·0 | 0·767 | 91 | 300 | N N W | 100 | 1·19 | Overcast with rain. |
| 28 | 29·838 | 0·137 | 72·0 | 70·3 | 75·3 | 68·8 | 109·9 | 67·5 | 0·720 | 92 | 318 | N N W | 97 | 3·02 | Do. |
| 29 | 29·857 | 0·090 | 73·8 | 71·4 | 77·5 | 71·4 | 107·0 | 69·2 | 0·738 | 88 | 300 | N W by N | 93 | 0·90 | Cloudy with rain. |
| 30 | 29·916 | 0·109 | 74·4 | 72·2 | 78·8 | 72·1 | 121·4 | 70·8 | 0·762 | 89 | 266 | N N W | 90 | 0·35 | Do. |
| Mean | 29·959 | 0·113 | 77·2 | 72·1 | 84·3 | 71·8 | 127·9 | 68·4 | 0·724 | 78 | 206 | North | 66 | 13·51 | |

## Madras Meteorological Observations. 1873—December.

| December 1873 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·917 | 0·107 | 73·4 | 72·4 | 74·1 | 72·9 | 79·2 | 72·3 | 0·784 | 95 | 136 | N by E | 98 | 6·57 | Overcast with heavy rain. |
| 2 | 29·897 | 0·111 | 75·8 | 74·1 | 78·7 | 72·6 | 99·8 | 70·8 | 0·821 | 92 | 124 | N by W | 93 | 1·58 | Cloudy with rain. |
| 3 | 29·911 | 0·109 | 76·4 | 74·1 | 79·4 | 74·3 | 97·6 | 72·2 | 0·813 | 90 | 143 | N by W | 97 | 0·20 | Overcast. |
| 4 | 29·887 | 0·091 | 77·0 | 73·2 | 80·5 | 75·5 | 121·7 | 73·4 | 0·768 | 83 | 227 | N by W | 83 | ... | Cloudy. |
| 5 | 29·887 | 0·095 | 77·5 | 73·4 | 83·7 | 72·5 | 134·7 | 68·9 | 0·769 | 82 | 160 | N N W | 50 | ... | Passing clouds. |
| 6 | 29·926 | 0·117 | 78·7 | 74·4 | 86·7 | 72·7 | 137·3 | 69·6 | 0·795 | 81 | 83 | W by S | 43 | ... | Do. |
| 7 | 29·930 | 0·114 | 78·4 | 74·8 | 87·7 | 74·6 | 133·8 | 70·6 | 0·815 | 84 | 85 | S by E | 17 | ... | Fine. |
| 8 | 29·993 | 0·118 | 78·3 | 74·1 | 84·6 | 73·5 | 137·6 | 69·4 | 0·787 | 81 | 71 | E by S | 23 | ... | Fine with passing clouds. |
| 9 | 30·027 | 0·114 | 77·3 | 73·6 | 85·7 | 71·7 | 133·8 | 67·4 | 0·781 | 83 | 65 | East | 23 | ... | Passing clouds. |
| 10 | 30·047 | 0·120 | 77·3 | 73·6 | 84·8 | 71·9 | 133·5 | 67·4 | 0·781 | 83 | 71 | East | 25 | ... | Fine with passing clouds. |
| 11 | 30·047 | 0·095 | 76·8 | 72·4 | 85·6 | 70·5 | 135·9 | 65·4 | 0·738 | 79 | 102 | E N E | 27 | ... | Do. |
| 12 | 30·040 | 0·121 | 77·1 | 72·7 | 85·3 | 69·6 | 132·5 | 64·4 | 0 746 | 80 | 137 | N N E | 57 | ... | Passing clouds. |
| 13 | 30·019 | 0·126 | 77·7 | 73·1 | 85·4 | 72·7 | 132·1 | 68·6 | 0·755 | 80 | 206 | N N E | 43 | ... | Do. |
| 14 | 29·991 | 0·121 | 77·2 | 73·1 | 85·0 | 72·8 | 131·4 | 69·0 | 0·761 | 82 | 181 | N by E | 37 | ... | Fine with passing clouds. |
| 15 | 30·006 | 0·102 | 78·1 | 72·7 | 86·0 | 72·7 | 134·4 | 68·6 | 0·732 | 77 | 236 | N N E | 47 | ... | Passing clouds. |
| 16 | 30·033 | 0·129 | 77·3 | 70·9 | 84·2 | 70·9 | 130·2 | 65·5 | 0·671 | 72 | 275 | N by E | 40 | 0·01 | Fine with passing clouds. |
| 17 | 30·035 | 0·100 | 76·3 | 72·9 | 84·8 | 72·1 | 133·6 | 71·3 | 0·764 | 84 | 198 | N N E | 80 | 0·46 | Cloudy with rain. |
| 18 | 29·998 | 0·136 | 77·0 | 72·8 | 84·4 | 70·1 | 133·0 | 69·6 | 0·752 | 81 | 193 | N N E | 60 | 0·61 | Passing clouds: rain. |
| 19 | 29·967 | 0·129 | 76·3 | 71·6 | 84·8 | 70·2 | 132·8 | 65·7 | 0·713 | 78 | 143 | N N E | 40 | ... | Fine with passing clouds. |
| 20 | 29·964 | 0·107 | 75·2 | 69·1 | 84·4 | 67·4 | 133·9 | 62·8 | 0·631 | 72 | 141 | N by E | 20 | ... | Fine with light clouds. |
| 21 | 30·001 | 0·105 | 75·1 | 69·8 | 85·2 | 68·4 | 135·0 | 64·5 | 0·659 | 76 | 202 | N by E | 27 | ... | Fine with passing clouds. |
| 22 | 30·016 | 0·099 | 75·3 | 68·5 | 82·4 | 73·7 | 131·4 | 69·7 | 0·607 | 70 | 261 | North | 43 | ... | Do. |
| 23 | 29·980 | 0·126 | 75·5 | 67·9 | 82·5 | 68·7 | 129·6 | 63·7 | 0·583 | 66 | 283 | N by E | 20 | ... | Fine with light clouds. |
| 24 | 29·970 | 0·125 | 74·7 | 67·6 | 83·5 | 66·3 | 129·6 | 61·4 | 0·582 | 68 | 216 | N by E | 17 | ... | Fine. |
| 25 | 29·994 | 0·101 | 72·5 | 66·0 | 82·3 | 65·4 | 128·7 | 59·5 | 0·554 | 69 | 183 | N by E | 10 | ... | Do. |
| 26 | 29·992 | 0·108 | 70·7 | 65·3 | 82·3 | 62·4 | 133·8 | 56·3 | 0·553 | 73 | 134 | North | 27 | ... | Do. |
| 27 | 29·958 | 0·123 | 71·1 | 66·1 | 81·4 | 62·8 | 130·0 | 56·5 | 0·576 | 76 | 148 | North | 17 | ... | Do. |
| 28 | 29·951 | 0·126 | 71·5 | 66·5 | 83·2 | 64·2 | 130·8 | 58·3 | 0·585 | 76 | 117 | North | 17 | ... | Do. |
| 29 | 29·970 | 0·114 | 70·8 | 65·1 | 84·8 | 61·2 | 131·4 | 53·9 | 0·545 | 72 | 111 | N N E | 10 | ... | Do. |
| 30 | 29·994 | 0·091 | 71·8 | 66·9 | 82·7 | 63·6 | 129·4 | 57·3 | 0·595 | 76 | 76 | N E | 30 | ... | Fine with passing clouds. |
| 31 | 29·988 | 0·117 | 72·6 | 67·6 | 83·3 | 64·4 | 132·8 | 57·7 | 0·609 | 76 | 102 | NE by N | 27 | ... | Passing clouds. |
| Mean | 29·979 | 0·113 | 75·5 | 70·8 | 83·5 | 69·8 | 128·4 | 65·5 | 0·698 | 79 | 155 | N by E | 40 | 9·43 | |

## Madras Mean Monthly and Annual Meteorological Results in 1873.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·971 | 0·121 | 73·9 | 84·7 | 65·8 | 18·9 | 68·1 | 64·3 | 0·613 | 73 | 133·3 | 58·8 | 120 | 6 | E N E | 0·01 | 1 | 67 |
| February | 29·951 | 0·123 | 77·1 | 85·7 | 70·8 | 14·9 | 72·0 | 69·2 | 0·720 | 77 | 127·8 | 65·6 | 134 | 7 | E by N | 6·28 | 4 | 63 |
| March | 29·912 | 0·133 | 78·9 | 88·2 | 70·7 | 17·5 | 72·3 | 69·0 | 0·707 | 71 | 134·3 | 65·5 | 143 | 11 | S E by E | ... | ... | 82 |
| April | 29·800 | 0·134 | 83·8 | 93·2 | 78·0 | 15·2 | 77·3 | 74·9 | 0·853 | 74 | 137·4 | 75·6 | 207 | 12 | S E | 1·37 | 2 | 71 |
| May | 29·760 | 0·122 | 85·2 | 94·8 | 79·0 | 15·8 | 77·6 | 75·5 | 0·845 | 70 | 136·9 | 76·3 | 212 | 13 | S E by S | 0·02 | 1 | 75 |
| June | 29·677 | 0·124 | 87·4 | 101·6 | 81·4 | 20·2 | 75·6 | 72·4 | 0·730 | 56 | 137·8 | 79·3 | 238 | 20 | S W | 1·96 | 11 | 34 |
| July | 29·711 | 0·132 | 86·2 | 98·5 | 79·7 | 18·8 | 74·7 | 71·6 | 0·707 | 57 | 135·3 | 77·2 | 227 | 20 | S W | 2·23 | 11 | 26 |
| August | 29·753 | 0·126 | 83·6 | 94·1 | 77·8 | 16·3 | 75·4 | 72·9 | 0·772 | 67 | 134·7 | 75·8 | 176 | 19 | S W by S | 3·39 | 13 | 37 |
| September | 29·786 | 0·134 | 83·5 | 94·6 | 77·5 | 17·1 | 75·5 | 72·4 | 0·777 | 68 | 138·3 | 75·5 | 179 | 18 | S S W | 3·02 | 10 | 41 |
| October | 29·814 | 0·119 | 79·0 | 86·7 | 74·8 | 11·9 | 75·3 | 72·8 | 0·831 | 84 | 131·2 | 72·6 | 138 | 27 | N W by W | 10·61 | 20 | 28 |
| November | 29·959 | 0·113 | 77·2 | 84·3 | 71·8 | 12·5 | 72·1 | 69·4 | 0·724 | 78 | 127·9 | 68·4 | 206 | 0 | North | 13·51 | 17 | 34 |
| December | 29·979 | 0·113 | 75·5 | 83·5 | 69·8 | 13·7 | 70·8 | 68·1 | 0·698 | 79 | 128·4 | 65·5 | 155 | 1 | N by E | 9·43 | 6 | 60 |
| Annual | 29·839 | 0·125 | 80·9 | 90·8 | 74·8 | 16·1 | 73·9 | 71·0 | 0·748 | 71 | 133·6 | 71·3 | 178 | 13 | S E by S | 51·83 | 96 | 52 |

## Madras Extreme Monthly Meteorological Records in 1873.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·109 | 23 | 29·847 | 7 | 0·262 | 87·5 | 31 | 60·9 | 17 | 60·3 | 17 | 53 | 30 | 140·4 | 4 | 52·2 | 17 | 189 | 22 | 68 | 5 | 0·01 | 25 |
| February | 30·081 | 4 | 29·775 | 24 | 0·306 | 94·7 | 23 | 65·4 | 27 | 63·9 | 27 | 42 | 25 | 137·6 | 18 | 57·4 | 27 | 313 | 3 | 76 | 21 | 4·63 | 4 |
| March | 30·021 | 16 | 29·784 | 27 | 0·237 | 91·5 | 24 | 65·3 | 12 | 63·6 | 12 | 41 | 11 | 139·5 | 16 | 59·5 | 2 | 203 | 26 | 105 | 9 | ... | ... |
| April | 29·961 | 1 | 29·656 | 4 | 0·305 | 102·3 | 15 | 73·6 | 4 | 71·0 | 4 | 44 | 15 | 145·6 | 15 | 71·4 | 1 | 294 | 29 | 111 | 1 | 1·07 | 3 |
| May | 29·969 | 9 | 29·499 | 30 | 0·470 | 102·3 | 2 | 75·4 | 19 | 73·1 | 20 | 41 | 30 | 145·2 | 10 | 71·2 | 19 | 353 | 29 | 120 | 19 | 0·02 | 26 |
| June | 29·785 | 24 | 29·533 | 1 | 0·252 | 106·3 | 1 | 77·0 | 25 | 70·9 | 5 | 33 | 1 | 145·3 | 1 | 74·3 | 10 | 332 | 2 | 171 | 24 | 0·84 | 24 |
| July | 29·869 | 30 | 29·544 | 19 | 0·325 | 103·9 | 17 | 75·8 | 29 | 66·5 | 10 | 25 | 9 | 143·4 | 17 | 73·4 | 4 | 275 | 13 | 162 | 30 | 0·36 | 23 |
| August | 29·921 | 12 | 29·568 | 24 | 0·353 | 99·1 | 31 | 74·2 | 3 | 70·5 | 30 | 39 | 30 | 151·4 | 30 | 71·9 | 2 | 275 | 27 | 79 | 25 | 1·22 | 22 |
| September | 29·933 | 27 | 29·642 | 3 | 0·291 | 101·9 | 13 | 72·2 | 23 | 69·2 | 15 | 39 | 15 | 151·0 | 13 | 70·3 | 23 | 263 | 5 | 79 | 18 | 1·16 | 21 |
| October | 29·993 | 31 | 29·683 | 4 | 0·310 | 95·2 | 1 | 70·6 | 31 | 69·6 | 31 | 45 | 31 | 144·4 | 2 | 65·3 | 31 | 258 | 16 | 72 | 23 | 1·82 | 13 |
| November | 30·093 | 17 | 29·783 | 28 | 0·310 | 89·4 | 10 | 64·0 | 3 | 61·7 | 3 | 30 | 2 | 140·8 | 9 | 57·3 | 3 | 356 | 20 | 83 | 5 | 3·02 | 28 |
| December | 30·111 | 10 | 29·841 | 2 | 0·270 | 87·7 | 7 | 61·2 | 29 | 60·2 | 29 | 50 | 29 | 137·6 | 8 | 53·9 | 29 | 283 | 23 | 65 | 9 | 6·57 | 1 |

## Madras Meteorological Observations. 1874—January.

| January 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·983 | 0·113 | 73·2 | 67·9 | 84·5 | 65·4 | 133·7 | 58·5 | 0·613 | 75 | 95 | N N E | 40 | ... | Passing clouds. |
| 2 | 30·000 | 0·101 | 72·8 | 67·0 | 83·8 | 64·5 | 134·7 | 57·7 | 0·585 | 73 | 108 | N N E | 27 | ... | Fine with passing clouds. |
| 3 | 30·019 | 0·104 | 71·0 | 65·3 | 82·7 | 61·9 | 129·5 | 55·2 | 0·550 | 72 | 87 | N E | 10 | ... | Fine. |
| 4 | 30·038 | 0·098 | 74·0 | 65·9 | 83·3 | 65·4 | 134·1 | 58·0 | 0·530 | 63 | 130 | NE by N | 23 | ... | Fine with passing clouds. |
| 5 | 30·037 | 0·092 | 76·1 | 68·7 | 85·1 | 68·1 | 135·0 | 62·3 | 0·604 | 67 | 252 | N N E | 43 | ... | Passing clouds. |
| 6 | 30·042 | 0·082 | 77·7 | 69·2 | 85·0 | 72·6 | 129·8 | 68·5 | 0·601 | 63 | 284 | N N E | 30 | ... | Fine with passing clouds. |
| 7 | 30·049 | 0·096 | 76·5 | 67·3 | 82·8 | 72·6 | 132·8 | 67·5 | 0·547 | 60 | 274 | NE by N | 43 | ... | Do. |
| 8 | 30·058 | 0·093 | 76·8 | 66·9 | 83·4 | 72·6 | 133·2 | 67·5 | 0·529 | 57 | 245 | NE by N | 53 | ... | Passing clouds. |
| 9 | 30·028 | 0·127 | 74·4 | 66·0 | 83·1 | 68·8 | 131·1 | 62·0 | 0·528 | 61 | 237 | N N E | 38 | ... | Fine with passing clouds. |
| 10 | 30·035 | 0·110 | 73·9 | 65·7 | 83·1 | 63·6 | 135·5 | 58·0 | 0·524 | 62 | 203 | N N E | 43 | ... | Do. |
| 11 | 30·025 | 0·132 | 73·8 | 66·7 | 84·9 | 68·5 | 139·6 | 62·7 | 0·563 | 67 | 168 | N by E | 23 | ... | Do. |
| 12 | 30·007 | 0·122 | 71·5 | 65·5 | 83·6 | 63·5 | 128·5 | 57·7 | 0·550 | 71 | 130 | N by E | 27 | ... | Fine with light clouds. |
| 13 | 29·990 | 0·123 | 73·2 | 66·1 | 83·2 | 66·6 | 131·7 | 60·5 | 0·548 | 67 | 79 | N E | 20 | ... | Fine. |
| 14 | 30·008 | 0·131 | 69·8 | 63·9 | 81·9 | 59·8 | 129·1 | 51·8 | 0·516 | 70 | 60 | NE by E | 3 | ... | Do. |
| 15 | 30·007 | 0·133 | 70·6 | 65·6 | 83·6 | 59·6 | 129·6 | 51·5 | 0·565 | 76 | 67 | E by N | 7 | ... | Do. |
| 16 | 30·035 | 0·124 | 72·2 | 67·5 | 82·7 | 62·6 | 129·1 | 55·9 | 0·612 | 77 | 68 | E by N | 10 | ... | Do. |
| 17 | 30·073 | 0·121 | 73·4 | 66·7 | 83·3 | 64·7 | 129·5 | 59·0 | 0·566 | 69 | 74 | NE by E | 10 | ... | Do. |
| 18 | 30·102 | 0·110 | 75·2 | 68·0 | 84·3 | 65·8 | 134·0 | 60·3 | 0·590 | 67 | 186 | N N E | 20 | ... | Do. |
| 19 | 30·100 | 0·118 | 74·5 | 66·9 | 84·7 | 65·3 | 132·9 | 58·3 | 0·560 | 66 | 193 | NE by N | 30 | ... | Fine with passing clouds. |
| 20 | 30·080 | 0·122 | 74·3 | 67·5 | 85·2 | 64·5 | 132·4 | 58·8 | 0·585 | 69 | 147 | NE by N | 17 | ... | Fine. |
| 21 | 30·055 | 0·135 | 74·4 | 67·9 | 85·0 | 63·5 | 131·1 | 56·6 | 0·597 | 70 | 131 | N N E | 5 | ... | Do. |
| 22 | 30·033 | 0·136 | 75·6 | 70·7 | 85·4 | 67·1 | 133·7 | 61·7 | 0·687 | 77 | 141 | NE by N | 37 | ... | Fine with passing clouds. |
| 23 | 30·000 | 0·143 | 77·2 | 72·1 | 84·1 | 70·4 | 129·3 | 65·9 | 0·721 | 77 | 137 | E by N | 30 | ... | Passing clouds. |
| 24 | 29·967 | 0·135 | 76·0 | 70·1 | 84·0 | 69·5 | 135·3 | 63·8 | 0·658 | 73 | 90 | E by N | 23 | ... | Fine with passing clouds. |
| 25 | 29·942 | 0·134 | 75·7 | 70·1 | 84·2 | 67·9 | 134·7 | 62·7 | 0·663 | 75 | 109 | E S E | 27 | ... | Do. |
| 26 | 29·988 | 0·092 | 77·0 | 72·0 | 84·0 | 70·6 | 133·3 | 66·2 | 0·719 | 77 | 129 | E S E | 30 | ... | Do. |
| 27 | 30·030 | 0·119 | 77·8 | 72·2 | 86·8 | 70·3 | 131·9 | 65·8 | 0·716 | 75 | 139 | E N E | 20 | ... | Do. |
| 28 | 30·025 | 0·144 | 77·1 | 71·1 | 85·4 | 68·7 | 135·3 | 63·7 | 0·682 | 73 | 112 | NE by E | 33 | ... | Do. |
| 29 | 29·988 | 0·129 | 76·1 | 70·9 | 85·2 | 69·1 | 133·1 | 63·9 | 0·678 | 76 | 103 | E N E | 10 | ... | Fine. |
| 30 | 29·946 | 0·139 | 75·5 | 70·1 | 83·7 | 66·5 | 134·3 | 59·6 | 0·665 | 75 | 98 | E by S | 17 | ... | Do. |
| 31 | 29·963 | 0·153 | 75·9 | 69·9 | 83·8 | 67·0 | 130·7 | 60·0 | 0 652 | 73 | 118 | E S E | 17 | ... | Do. |
| Mean | 30·021 | 0·120 | 74·6 | 68·1 | 84·1 | 66·7 | 132·5 | 60·7 | 0·603 | 70 | 142 | N E | 25 | Nil. | |

## Madras Meteorological Observations. 1874—February.

| February 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | | | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·995 | 0·127 | 75·3 | 70·0 | 84·0 | 67·0 | 134·0 | 61·8 | 0·664 | 76 | 93 | E S E | 37 | ... | Fine with passing clouds. |
| 2 | 30·020 | 0·119 | 77·2 | 70·4 | 85·6 | 67·5 | 135·3 | 63·0 | 0·653 | 70 | 92 | East | 30 | ... | Passing clouds. |
| 3 | 30·009 | 0·114 | 76·3 | 69·5 | 84·9 | 67·2 | 139·4 | 66·5 | 0·631 | 70 | 115 | E N E | 13 | ... | Fine. |
| 4 | 29·996 | 0·114 | 76·7 | 70·5 | 85·1 | 67·8 | 136·8 | 64·4 | 0·665 | 72 | 86 | East | 30 | ... | Do. |
| 5 | 29·960 | 0·146 | 75·7 | 70·1 | 85·5 | 68·7 | 133·7 | 64·3 | 0·663 | 75 | 81 | E by S | 10 | ... | Do. |
| 6 | 29·933 | 0·130 | 76·6 | 70·6 | 85·6 | 66·6 | 131·9 | 61·6 | 0·669 | 73 | 145 | E S E | 10 | ... | Do. |
| 7 | 29·927 | 0·100 | 77·3 | 71·7 | 86·5 | 68·6 | 136·0 | 61·1 | 0·703 | 75 | 103 | SE by E | 15 | ... | Fine with passing clouds. |
| 8 | 29·958 | 0·103 | 77·3 | 71·4 | 88·0 | 68·5 | 133·4 | 63·7 | 0·690 | 73 | 80 | E S E | 10 | ... | Fine. |
| 9 | 29·914 | 0·174 | 77·5 | 71·1 | 86·3 | 69·7 | 135·4 | 65·4 | 0·677 | 71 | 90 | E S E | 10 | ... | Do. |
| 10 | 29·842 | 0·163 | 77·3 | 71·8 | 88·7 | 69·2 | 132·5 | 64·7 | 0·707 | 75 | 151 | S E by S | 10 | ... | Do. |
| 11 | 29·876 | 0·105 | 78·0 | 70·8 | 89·3 | 69·4 | 132·7 | 63·9 | 0·658 | 69 | 160 | S E | 13 | ... | Do. |
| 12 | 29·905 | 0·157 | 77·9 | 71·8 | 91·3 | 70·5 | 134·2 | 65·9 | 0·700 | 74 | 181 | SE by S | 10 | ... | Do. |
| 13 | 29·904 | 0·134 | 78·3 | 73·1 | 89·3 | 70·7 | 135·0 | 61·3 | 0·746 | 77 | 183 | SE by S | 13 | ... | Do. |
| 14 | 29·951 | 0·105 | 79·0 | 72·2 | 86·6 | 71·5 | 133·0 | 67·7 | 0·700 | 71 | 131 | E S E | 20 | ... | Do. |
| 15 | 30·009 | 0·113 | 77·0 | 70·7 | 86·2 | 67·3 | 132·4 | 61·9 | 0·668 | 72 | 198 | N E | 23 | ... | Fine with passing clouds. |
| 16 | 30·058 | 0·136 | 78·6 | 71·4 | 87·6 | 69·2 | 133·8 | 65·2 | 0·673 | 69 | 230 | N E | 27 | ... | Do. |
| 17 | 30·047 | 0·111 | 79·1 | 71·2 | 86·7 | 75·3 | 135·5 | 72·5 | 0·659 | 66 | 295 | N by E | 87 | ... | Cloudy. |
| 18 | 30·008 | 0·118 | 77·5 | 73·2 | 86·6 | 71·4 | 126·7 | 69·7 | 0·761 | 81 | 163 | N by E | 70 | ... | Cloudy day: fine night. |
| 19 | 29·992 | 0·144 | 79·1 | 74·3 | 87·8 | 71·3 | 132·8 | 67·7 | 0·785 | 79 | 139 | N E | 30 | ... | Fine with passing clouds. |
| 29 | 29·980 | 0·121 | 78·3 | 73·2 | 87·3 | 71·4 | 133·9 | 67·2 | 0·751 | 78 | 71 | E by N | 20 | ... | Fine. |
| 21 | 29·942 | 0·124 | 77·7 | 72·5 | 86·5 | 70·1 | 132·3 | 65·7 | 0·730 | 77 | 93 | E by S | 10 | ... | Do. |
| 22 | 29·946 | 0·117 | 76·1 | 68·4 | 86·3 | 67·1 | 131·3 | 62·7 | 0·592 | 65 | 88 | E by S | 3 | ... | Clear. |
| 23 | 29·974 | 0·113 | 75·5 | 68·7 | 85·2 | 63·3 | 132·4 | 57·5 | 0·612 | 70 | 112 | E S E | 10 | ... | Fine. |
| 24 | 29·963 | 0·133 | 76·7 | 69·2 | 86·0 | 68·3 | 131·9 | 63·9 | 0·614 | 67 | 106 | East | 10 | ... | Do. |
| 25 | 29·949 | 0·135 | 74·6 | 68·0 | 85·1 | 63·1 | 130·3 | 58·0 | 0·598 | 70 | 88 | E S E | 0 | ... | Clear. |
| 26 | 29·948 | 0·097 | 77·2 | 70·4 | 85·1 | 66·4 | 128·7 | 61·9 | 0·653 | 70 | 146 | SE by E | 13 | ... | Fine. |
| 27 | 29·967 | 0·106 | 76·3 | 70·6 | 86·4 | 67·3 | 135·5 | 62·7 | 0·673 | 74 | 99 | SE by E | 23 | ... | Fine with passing clouds. |
| 23 | 30·005 | 0·108 | 77·4 | 71·5 | 87·2 | 70·2 | 134·9 | 65·7 | 0·693 | 74 | 89 | E by S | 17 | ... | Fine. |
| Mean | 29·964 | 0·124 | 77·2 | 71·0 | 86·7 | 68·7 | 133·4 | 64·3 | 0·678 | 73 | 129 | E by S | 21 | *Nil.* | |

## Madras Meteorological Observations. 1874—March.

| March 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cnets | Inches | |
| 1 | 30·003 | 0·123 | 77·1 | 71·9 | 87·9 | 68·4 | 137·8 | 62·9 | 0·712 | 76 | 78 | E N E | 40 | ... | Passing clouds. |
| 2 | 29·961 | 0·160 | 76·7 | 71·9 | 87·0 | 67·7 | 132·3 | 62·7 | 0·719 | 78 | 86 | E N E | 7 | ... | Fine. |
| 3 | 29·894 | 0·156 | 77·5 | 71·3 | 87·2 | 68·5 | 133·0 | 63·7 | 0·685 | 73 | 126 | E S E | 13 | ... | Do. |
| 4 | 29·889 | 0·124 | 76·9 | 69·8 | 86·1 | 67·2 | 131·3 | 61·5 | 0·635 | 69 | 152 | S E | 10 | ... | Do. |
| 5 | 29·930 | 0·095 | 77·0 | 69·0 | 86·0 | 66·3 | 132·9 | 61·3 | 0·603 | 65 | 141 | S E | 17 | ... | Do. |
| 6 | 29·900 | 0·128 | 78·0 | 69·5 | 87·3 | 66·3 | 131·6 | 61·5 | 0·609 | 63 | 115 | SE by E | 7 | ... | Do. |
| 7 | 29·861 | 0·130 | 78·9 | 71·4 | 87·2 | 69·4 | 137·5 | 64·5 | 0·669 | 68 | 186 | SE by E | 13 | ... | Do. |
| 8 | 29·873 | 0·113 | 79·6 | 72·5 | 86·6 | 70·7 | 132·7 | 66·5 | 0·705 | 70 | 186 | SE by E | 13 | ... | Do. |
| 9 | 29·877 | 0·105 | 79·7 | 73·9 | 87·1 | 71·5 | 138·4 | 67·5 | 0·760 | 75 | 181 | SE by E | 13 | ... | Do. |
| 10 | 29·905 | 0·109 | 79·9 | 74·1 | 88·0 | 72·5 | 133·5 | 67·8 | 0·766 | 75 | 156 | SE by E | 17 | ... | Do. |
| 11 | 29·959 | 0·093 | 78·6 | 72·1 | 87·1 | 70·5 | 134·0 | 65·7 | 0·702 | 72 | 129 | E by S | 13 | ... | Do. |
| 12 | 29·958 | 0·112 | 79·4 | 72·2 | 87·3 | 71·5 | 133·4 | 68·3 | 0·694 | 69 | 136 | E by N | 17 | ... | Do. |
| 13 | 29·922 | 0·137 | 78·6 | 71·4 | 88·3 | 69·5 | 133·2 | 64·5 | 0·673 | 69 | 108 | East | 13 | ... | Do. |
| 14 | 29·888 | 0·121 | 77·3 | 71·7 | 88·0 | 67·5 | 133·9 | 62·8 | 0·702 | 75 | 96 | E S E | 7 | ... | Do. |
| 15 | 29·885 | 0·121 | 79·3 | 72·6 | 89·3 | 70·5 | 134·0 | 66·3 | 0·712 | 72 | 106 | E S E | 17 | ... | Do. |
| 16 | 29·901 | 0·138 | 79·4 | 71·5 | 87·9 | 70·2 | 133·5 | 65·6 | 0·667 | 66 | 126 | E S E | 17 | ... | Do. |
| 17 | 29·869 | 0·144 | 79·5 | 72·7 | 88·5 | 69·2 | 132·8 | 65·0 | 0·714 | 71 | 189 | SE by E | 10 | ... | Do |
| 18 | 29·801 | 0·174 | 83·1 | 76·5 | 94·0 | 76·5 | 138·6 | 74·5 | 0·825 | 74 | 243 | S S E | 37 | ... | Fine day : cloudy evening : th. |
| 19 | 29·806 | 0·127 | 83·2 | 76·9 | 93·8 | 76·5 | 143·4 | 73·6 | 0·841 | 74 | 210 | SE by S | 27 | ... | Fine with passing clouds. |
| 20 | 29·823 | 0·126 | 82·3 | 75·8 | 93·2 | 76·0 | 138·0 | 73·8 | 0·805 | 73 | 224 | S S E | 20 | ... | Fine. |
| 21 | 29·870 | 0·133 | 83·3 | 76·3 | 91·8 | 76·3 | 136·2 | 74·0 | 0·813 | 71 | 220 | SE by S | 13 | ... | Do. |
| 22 | 29·848 | 0·157 | 83·6 | 76·5 | 92·9 | 75·9 | 136·2 | 71·9 | 0·818 | 72 | 220 | S E | 13 | ... | Do. |
| 23 | 29·787 | 0·151 | 82·5 | 75·6 | 92·0 | 76·6 | 135·3 | 73·8 | 0·793 | 71 | 226 | S E | 17 | ... | Do. |
| 24 | 29·780 | 0·127 | 82·5 | 76·5 | 90·8 | 76·4 | 133·0 | 74·4 | 0·833 | 75 | 250 | SE by S | 13 | ... | Do. |
| 25 | 29·798 | 0·132 | 84·3 | 77·7 | 96·5 | 78·5 | 141·9 | 76·7 | 0·862 | 74 | 266 | S S E | 20 | ... | Fine : th. |
| 26 | 29·821 | 0·123 | 83·4 | 78·4 | 91·2 | 78·6 | 136·1 | 76·6 | 0·906 | 79 | 275 | SE by S | 50 | ... | Light clouds : th. |
| 27 | 29·865 | 0·129 | 83·2 | 77·3 | 91·0 | 78·7 | 134·7 | 77·0 | 0·858 | 75 | 217 | S E | 17 | ... | Fine. |
| 28 | 29·872 | 0·149 | 82·2 | 75·7 | 90·5 | 74·7 | 138·3 | 71·6 | 0·802 | 73 | 179 | SE by E | 47 | ... | Fine with passing clouds. |
| 29 | 29·876 | 0·135 | 82·4 | 75·4 | 92·6 | 74·5 | 137·1 | 70·6 | 0·787 | 71 | 175 | S E | 17 | ... | Fine. |
| 30 | 29·885 | 0·128 | 83·4 | 77·2 | 91·5 | 77·6 | 135·1 | 75·7 | 0·851 | 74 | 203 | S E | 27 | ... | Fine with passing clouds. |
| 31 | 29·858 | 0·163 | 84·1 | 77·5 | 96·6 | 77·7 | 139·0 | 75·8 | 0·856 | 73 | 225 | S SE | 27 | ... | Do. |
| Mean | 29·876 | 0·131 | 80·5 | 74·0 | 89·8 | 72·6 | 135·4 | 69·0 | 0·754 | 72 | 175 | SE by E | 19 | *Nil.* | |

# Madras Meteorological Observations. 1874—April.

| April 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·805 | 0·177 | 83·3 | 76·8 | 94·7 | 76·8 | 137·7 | 73·6 | 0·835 | 73 | 270 | SE by S | 13 | ... | Fine. |
| 2 | 29·814 | 0·172 | 85·0 | 77·0 | 94·1 | 79·8 | 136·2 | 77·8 | 0·821 | 68 | 300 | S S E | 10 | ... | Do. |
| 3 | 29·888 | 0·114 | 84·4 | 76·9 | 93·4 | 79·2 | 135·1 | 77·5 | 0·825 | 70 | 247 | SE by S | 10 | ... | Do. |
| 4 | 29·926 | 0·121 | 81·6 | 74·4 | 89·0 | 74·8 | 134·1 | 69·9 | 0·755 | 70 | 178 | S E | 17 | ... | Fine with passing clouds. |
| 5 | 29·839 | 0·151 | 82·6 | 75·0 | 95·0 | 73·8 | 138·4 | 69·8 | 0·767 | 69 | 188 | SE by S | 10 | ... | Fine. |
| 6 | 29·851 | 0·127 | 82·8 | 75·5 | 91·9 | 74·7 | 134·2 | 70·6 | 0·785 | 70 | 204 | S E | 3 | ... | Clear. |
| 7 | 29·891 | 0·113 | 81·3 | 74·5 | 88·7 | 74·4 | 130·8 | 70·4 | 0·763 | 72 | 162 | SE by E | 10 | ... | Do. |
| 8 | 29·905 | 0·149 | 80·4 | 72·9 | 89·2 | 71·6 | 131·6 | 67·4 | 0·709 | 68 | 119 | SE by E | 7 | ... | Do. |
| 9 | 29·866 | 0·160 | 80·2 | 73·4 | 89·9 | 69·7 | 134·8 | 64·8 | 0·733 | 71 | 164 | S E | 7 | ... | Fine. |
| 10 | 29·890 | 0·123 | 82·1 | 76·0 | 90·0 | 73·3 | 132·8 | 69·6 | 0·817 | 75 | 188 | S E | 17 | ... | Do. |
| 11 | 29·934 | 0·140 | 83·3 | 77·2 | 91·9 | 76·1 | 133·4 | 73·0 | 0·853 | 75 | 171 | S E | 20 | ... | Do. |
| 12 | 29·917 | 0·143 | 83·0 | 76·2 | 92·1 | 75·6 | 134·8 | 71·6 | 0·813 | 72 | 191 | SE by S | 20 | ... | Do. |
| 13 | 29·846 | 0·160 | 84·7 | 75·6 | 97·8 | 75·4 | 140·8 | 72·6 | 0·764 | 64 | 216 | S by E | 5 | ... | Clear. |
| 14 | 29·769 | 0·170 | 85·0 | 76·4 | 99·8 | 76·4 | 138·1 | 74·6 | 0·795 | 66 | 246 | S S E | 7 | ... | Fine. |
| 15 | 29·831 | 0·103 | 84·6 | 77·5 | 94·9 | 79·2 | 135·0 | 76·5 | 0·849 | 72 | 286 | SE by S | 7 | ... | Do. |
| 16 | 29·909 | 0·122 | 83·7 | 77·2 | 92·1 | 76·5 | 132·1 | 73·4 | 0·847 | 73 | 174 | SE by E | 17 | ... | Do. |
| 17 | 29·893 | 0·155 | 82·3 | 76·3 | 91·3 | 75·8 | 131·6 | 72·7 | 0·827 | 75 | 182 | SE by E | 13 | ... | Do. |
| 18 | 29·829 | 0·152 | 83·5 | 77·7 | 90·8 | 75·6 | 130·5 | 71·7 | 0·873 | 76 | 231 | S E | 20 | ... | Do. |
| 19 | 29·777 | 0·118 | 84·0 | 78·9 | 91·5 | 78·0 | 133·2 | 74·9 | 0·921 | 79 | 253 | SE by S | 17 | ... | Do. |
| 20 | 29·803 | 0·127 | 84·8 | 79·0 | 92·2 | 80·7 | 132·8 | 78·9 | 0·914 | 76 | 244 | SE by S | 13 | ... | Do. |
| 21 | 29·853 | 0·121 | 84·0 | 78·7 | 91·5 | 77·9 | 133·0 | 75·5 | 0·901 | 78 | 198 | S E | 33 | ... | Fine with passing clouds. |
| 22 | 29·823 | 0·152 | 83·5 | 77·3 | 91·1 | 77·4 | 133·0 | 73·7 | 0·854 | 74 | 183 | S E | 33 | ... | Do. |
| 23 | 29·780 | 0·148 | 82·8 | 77·3 | 91·7 | 75·7 | 135·4 | 72·6 | 0·864 | 77 | 192 | S E | 40 | ... | Do. |
| 24 | 29·842 | 0·152 | 84·5 | 77·8 | 92·2 | 79·1 | 135·3 | 75·7 | 0·863 | 73 | 193 | SE by E | 40 | ... | Passing clouds. |
| 25 | 29·847 | 0·143 | 84·9 | 77·6 | 93·4 | 78·5 | 135·1 | 75·7 | 0·849 | 71 | 202 | S E | 50 | ... | Do. |
| 26 | 29·831 | 0·129 | 84·0 | 78·6 | 93·2 | 79·0 | 142·6 | 76·7 | 0·906 | 77 | 200 | SE by S | 60 | ... | Cloudy. |
| 27 | 29·819 | 0·145 | 85·2 | 77·9 | 92·5 | 78·7 | 135·4 | 75·5 | 0·859 | 71 | 209 | S E | 30 | ... | Fine with passing clouds. |
| 28 | 29·824 | 0·146 | 84·0 | 77·3 | 91·5 | 78·5 | 134·4 | 75·5 | 0·847 | 73 | 107 | S E | 80 | ... | Cloudy. |
| 29 | 29·795 | 0·149 | 85·5 | 76·7 | 94·0 | 78·6 | 139·5 | 75·7 | 0·801 | 65 | 178 | S E | 50 | ... | Passing clouds. |
| 30 | 29·773 | 0·136 | 85·8 | 78·4 | 93·9 | 80·4 | 136·4 | 78·5 | 0·873 | 70 | 189 | S E | 50 | ... | Do. |
| Mean | 29·846 | 0·141 | 83·6 | 76·7 | 92·5 | 76·7 | 134·9 | 73·5 | 0·829 | 72 | 202 | S E | 24 | *Nil.* | |

## Madras Meteorological Observations. 1874—May.

| May 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·796 | 0·122 | 86·0 | 78·4 | 93·3 | 80·2 | 135·3 | 77·3 | 0·871 | 70 | 177 | S E | 43 | ... | Passing clouds. |
| 2 | 29·763 | 0·157 | 85·4 | 76·9 | 96·5 | 78·7 | 139·8 | 76·7 | 0·811 | 66 | 121 | S E | 60 | ... | Light passing clouds. |
| 3 | 29·698 | 0·129 | 83·9 | 77·1 | 92·1 | 80·7 | 117·1 | 79·4 | 0·840 | 72 | 65 | S E by E | 98 | ... | Overcast and threatening : lg. E. |
| 4 | 29·627 | 0·089 | 78·1 | 72·9 | 87·5 | 79·3 | 96·6 | 74·7 | 0·740 | 77 | 144 | N W by W | 100 | 0·91 | Do. : do. |
| 5 | 29·312 | 0·092 | 75·4 | 73·6 | 78·4 | 72·6 | 82·6 | 71·1 | 0·806 | 92 | 690 | N W by N | 100 | 6·18 | Overcast : stormy : heavy rain. |
| 6 | 29·543 | 0·040 | 74·4 | 71·7 | 80·5 | 73·4 | 116·2 | 71·8 | 0·742 | 87 | 444 | E S E | 98 | 0·13 | A cyclone. * |
| 7 | 29·702 | 0·071 | 77·5 | 72·0 | 84·7 | 70·8 | 129·6 | 69·8 | 0·712 | 75 | 246 | S by E | 63 | 0·02 | Passing clouds. |
| 8 | 29·727 | 0·110 | 81·8 | 74·9 | 88·6 | 76·0 | 131·0 | 74·7 | 0·774 | 71 | 161 | S E by S | 30 | ... | Fine with passing clouds. |
| 9 | 29·761 | 0·084 | 82·2 | 76·6 | 90·5 | 77·8 | 132·7 | 76·1 | 0·842 | 77 | 179 | S E | 10 | ... | Fine. |
| 10 | 29·768 | 0·151 | 83·5 | 77·8 | 89·6 | 78·5 | 132·2 | 77·4 | 0·877 | 76 | 243 | SE by S | 20 | ... | Do. |
| 11 | 29·730 | 0·157 | 85·6 | 79·6 | 96·2 | 79·8 | 140·2 | 78·8 | 0·930 | 76 | 212 | S S E | 27 | ... | Fine with light clouds : lg. N. W. |
| 12 | 29·731 | 0·125 | 85·6 | 76·4 | 101·3 | 80·8 | 146·8 | 80·5 | 0·787 | 64 | 162 | S by W | 27 | ... | Fine with passing clouds. th.: lg. N.W. |
| 13 | 29·730 | 0·169 | 86·7 | 77·5 | 101·9 | 77·7 | 140·0 | 76·7 | 0·822 | 65 | 174 | South | 27 | ... | Fine with passing clouds : lg. N. W. |
| 14 | 29·819 | 0·158 | 82·0 | 75·9 | 85·7 | 80·5 | 111·1 | 79·8 | 0·814 | 75 | 164 | South | 100 | ... | Overcast : th. |
| 15 | 29·771 | 0·150 | 84·4 | 78·5 | 96·4 | 78·7 | 143·7 | 78·4 | 0·896 | 76 | 198 | S S E | 60 | ... | Passing clouds. |
| 16 | 29·705 | 0·147 | 86·0 | 78·0 | 98·1 | 80·2 | 138·0 | 78·8 | 0·852 | 68 | 194 | South | 27 | ... | Fine with passing clouds. |
| 17 | 29·697 | 0·118 | 85·5 | 78·1 | 97·2 | 80·3 | 140·5 | 78·4 | 0·863 | 70 | 209 | S S E | 15 | ... | Fine. |
| 18 | 29·720 | 0·135 | 85·5 | 79·2 | 99·0 | 79·6 | 142·7 | 78·6 | 0·914 | 75 | 182 | S by E | 23 | ... | Fine with passing clouds. |
| 19 | 29·707 | 0·106 | 86·0 | 77·8 | 101·5 | 80·6 | 142·3 | 79·7 | 0·843 | 68 | 183 | S by W | 13 | ... | Fine. |
| 20 | 29·672 | 0·132 | 87·7 | 77·6 | 100·6 | 79·3 | 138·0 | 77·9 | 0·812 | 62 | 235 | South | 20 | ... | Do. |
| 21 | 29·649 | 0·139 | 89·6 | 77·9 | 102·0 | 80·7 | 139·1 | 79·6 | 0·799 | 57 | 253 | South | 23 | ... | Fine with light clouds. |
| 22 | 29·638 | 0·122 | 87·8 | 77·9 | 98·2 | 83·4 | 136·1 | 81·7 | 0·823 | 62 | 233 | S S E | 27 | ... | Do. |
| 23 | 29·665 | 0·119 | 87·2 | 77·9 | 98·5 | 80·5 | 137·7 | 79·5 | 0·831 | 64 | 183 | S by E | 40 | ... | Fine with passing clouds. |
| 24 | 29·675 | 0·149 | 89·6 | 75·3 | 100·8 | 80·6 | 140·7 | 78·7 | 0·685 | 49 | 228 | S S W | 43 | ... | Do. |
| 25 | 29·709 | 0·158 | 86·4 | 77·4 | 98·6 | 81·7 | 142·0 | 80·9 | 0·819 | 65 | 213 | S S W | 63 | 0·72 | Cloudy : th. lg. and rain. |
| 26 | 29·702 | 0·125 | 85·0 | 78·1 | 98·8 | 78·2 | 131·9 | 76·7 | 0·870 | 72 | 204 | South | 40 | ... | Fine day : cloudy night. |
| 27 | 29·708 | 0·131 | 85·6 | 77·8 | 99·4 | 80·8 | 137·8 | 79·7 | 0·849 | 69 | 233 | South | 50 | ... | Passing clouds. |
| 28 | 29·700 | 0·127 | 86·1 | 77·3 | 101·1 | 79·3 | 137·0 | 77·8 | 0·819 | 65 | 194 | S S W | 73 | ... | Cloudy. |
| 29 | 29·677 | 0·113 | 89·4 | 77·6 | 101·9 | 81·8 | 142·7 | 80·8 | 0·789 | 57 | 216 | S by W | 60 | ... | Passing clouds. |
| 30 | 29·679 | 0·129 | 87·7 | 78·0 | 99·5 | 82·7 | 137·7 | 81·7 | 0·829 | 63 | 203 | South | 30 | ... | Fine with passing clouds. |
| 31 | 29·708 | 0·085 | 87·6 | 77·5 | 102·2 | 82·4 | 138·0 | 80·8 | 0·809 | 62 | 228 | S by E | 37 | ... | Light passing clouds. |
| Mean | 29·693 | 0·124 | 84·7 | 76·9 | 95·5 | 79·3 | 132·8 | 77·9 | 0·822 | 70 | 218 | South | 47 | 7·96 | |

* The cyclone commenced about 8 P.M. on the 4th. At midnight the wind was W. N. W. 10 miles per hour. At 2 A.M. on the 5th it was W. 18 miles per hour; 9 A.M. N.W. 25 miles and barometer at 29·40. The greatest force was attained at midnight when the velocity was 49 miles and the barometer (reduced) was 29·21. The lowest barometer was noted at 1 A.M. on the 6th and was 29·18. At 4·30 A.M. the wind was E. 25 miles an hour. 7·1 inches of rain fell between noon on the 4th and the evening of the 5th; between 7 A.M. and 8 A.M. of the 5th, 2·35 inches fell.

# Madras Meteorological Observations. 1874—June.

| June 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·761 | 0·112 | 85·3 | 77·3 | 93·4 | 79·4 | 132·5 | 78·6 | 0·830 | 68 | 145 | S by E | 83 | ... | Cloudy: th. and lg. N. and N. W. |
| 2 | 29·786 | 0·100 | 83·5 | 76·3 | 95·3 | 80·6 | 122·8 | 79·8 | 0·811 | 70 | 148 | South | 83 | 0·80 | Cloudy: thunderstorm. |
| 3 | 29·818 | 0·145 | 80·2 | 76·1 | 86·9 | 75·5 | 124·1 | 75·1 | 0·847 | 82 | 82 | SE by E | 80 | 0·23 | Cloudy. |
| 4 | 29·778 | 0·137 | 80·9 | 76·0 | 88·2 | 75·2 | 130·4 | 74·0 | 0·832 | 78 | 99 | S S E | 30 | ... | Passing clouds. |
| 5 | 29·746 | 0·141 | 83·9 | 77·7 | 90·4 | 78·0 | 127·5 | 76·0 | 0·867 | 75 | 96 | S E | 30 | ... | Fine with passing clouds: lg. N. W. |
| 6 | 29·745 | 0·139 | 82·4 | 76·5 | 96·8 | 75·7 | 133·0 | 73·8 | 0·834 | 75 | 101 | S W | 37 | ... | Fine with passing clouds: th. and lg. |
| 7 | 29·787 | 0·136 | 77·7 | 75·0 | 84·5 | 72·7 | 102·9 | 71·3 | 0·833 | 88 | 51 | West | 77 | 0·64 | Cloudy: thunderstorm. |
| 8 | 29·755 | 0·135 | 79·3 | 75·5 | 92·1 | 73·4 | 127·7 | 72·0 | 0·833 | 83 | 88 | SW by W | 53 | 0·38 | Passing clouds: rain. |
| 9 | 29·718 | 0·146 | 82·8 | 77·2 | 92·8 | 76·5 | 129·9 | 74·8 | 0·860 | 77 | 89 | W S W | 53 | ... | Passing clouds. |
| 10 | 29·701 | 0·128 | 83·6 | 77·1 | 93·1 | 77·4 | 123·8 | 75·4 | 0·844 | 73 | 79 | SW by S | 73 | ... | Cloudy. |
| 11 | 29·651 | 0·141 | 86·7 | 76·5 | 97·5 | 80·6 | 127·9 | 79·3 | 0·776 | 61 | 139 | S S W | 60 | ... | Hazy. |
| 12 | 29·617 | 0·121 | 86·0 | 78·5 | 98·9 | 78·7 | 133·4 | 76·9 | 0·875 | 70 | 165 | South | 53 | ... | Passing clouds. |
| 13 | 29·622 | 0·096 | 83·7 | 77·0 | 95·7 | 78·8 | 132·2 | 76·6 | 0·838 | 73 | 167 | South | 67 | 1·07 | Passing clouds: thunderstorm. |
| 14 | 29·626 | 0·114 | 81·5 | 76·0 | 88·4 | 75·7 | 111·6 | 75·0 | 0·825 | 77 | 165 | W S W | 93 | 0·06 | Cloudy. |
| 15 | 29·618 | 0·113 | 83·3 | 73·7 | 90·6 | 77·5 | 120·7 | 75·9 | 0·704 | 62 | 220 | S W | 100 | ... | Overcast. |
| 16 | 29·650 | 0·082 | 83·0 | 73·5 | 89·5 | 78·5 | 112·4 | 76·5 | 0·699 | 62 | 227 | SW by S | 90 | ... | Cloudy. |
| 17 | 29·693 | 0·098 | 85·5 | 73·9 | 93·8 | 77·1 | 127·5 | 74·6 | 0·682 | 56 | 251 | SW by S | 67 | ... | Do. |
| 18 | 29·712 | 0·127 | 86·2 | 73·8 | 95·8 | 78·3 | 132·3 | 76·7 | 0·668 | 53 | 258 | SW by S | 47 | ... | Passing clouds. |
| 19 | 29·715 | 0·148 | 86·8 | 74·4 | 96·5 | 78·8 | 130·5 | 75·7 | 0·684 | 53 | 250 | S W | 40 | ... | Do. |
| 20 | 29·705 | 0·143 | 87·5 | 74·5 | 97·9 | 79·9 | 134·1 | 77·5 | 0·680 | 52 | 223 | SW by W | 57 | ... | Do. |
| 21 | 29·707 | 0·148 | 88·7 | 74·7 | 99·4 | 81·5 | 137·7 | 79·6 | 0·672 | 50 | 258 | W S W | 60 | 0·03 | Do. |
| 22 | 29·692 | 0·142 | 86·1 | 74·8 | 95·0 | 77·7 | 117·1 | 76·1 | 0·711 | 57 | 171 | SW by W | 70 | 0·04 | Cloudy. |
| 23 | 29·677 | 0·127 | 87·2 | 75·5 | 96·6 | 79·6 | 141·8 | 77·5 | 0·726 | 57 | 215 | W S W | 67 | ... | Passing clouds: lg. N. |
| 24 | 29·698 | 0·141 | 88·8 | 74·5 | 99·6 | 80·7 | 136·9 | 79·4 | 0·662 | 49 | 257 | SW by W | 50 | 0·01 | Passing clouds. |
| 25 | 29·687 | 0·130 | 86·5 | 73·9 | 93·9 | 81·5 | 121·3 | 80·2 | 0·668 | 53 | 281 | SW by S | 73 | ... | Cloudy. |
| 26 | 29·670 | 0·121 | 87·1 | 75·6 | 95·7 | 80·8 | 127·5 | 79·5 | 0·732 | 57 | 262 | SW by S | 57 | ... | Passing clouds. |
| 27 | 29·714 | 0·119 | 85·1 | 74·5 | 95·0 | 77·7 | 132·3 | 76·1 | 0·713 | 59 | 241 | S S W | 67 | 0·05 | Cloudy: a squall about 7 P.M. |
| 28 | 29·761 | 0·094 | 80·3 | 74·8 | 96·7 | 76·3 | 139·6 | 73·3 | 0·789 | 76 | 177 | S by W | 60 | 0·38 | Morning fine: afternoon rainy. |
| 29 | 29·745 | 0·119 | 84·3 | 75·8 | 95·5 | 75·4 | 132·5 | 74·1 | 0·778 | 66 | 188 | SW by S | 63 | 0·07 | Cloudy. |
| 30 | 29·734 | 0·086 | 82·9 | 74·2 | 91·6 | 76·6 | 113·9 | 75·7 | 0·729 | 64 | 184 | SW by S | 83 | ... | Do. |
| Mean | 29·710 | 0·124 | 84·2 | 75·5 | 93·9 | 77·9 | 127·3 | 76·2 | 0·767 | 66 | 176 | SW by S | 64 | 3·76 | |

## Madras Meteorological Observations. 1874—July.

| July 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·749 | 0·103 | 83·3 | 74·9 | 93·4 | 78·3 | 122·8 | 76·5 | 0·753 | 65 | 138 | S W | 85 | ... | Cloudy. |
| 2 | 29·741 | 0·090 | 83·9 | 75·4 | 95·9 | 78·3 | 125·0 | 76·6 | 0·767 | 65 | 168 | S by W | 57 | ... | Cloudy day: fine night. |
| 3 | 29·737 | 0·118 | 83·3 | 76·2 | 93·6 | 77·6 | 120·6 | 76·1 | 0·809 | 71 | 142 | S by W | 60 | ... | Cloudy. |
| 4 | 29·710 | 0·111 | 83·3 | 76·1 | 95·6 | 77·5 | 136·5 | 75·5 | 0·805 | 70 | 147 | South | 45 | ... | Passing clouds. |
| 5 | 29·678 | 0·125 | 83·2 | 75·9 | 98·2 | 76·6 | 133·6 | 75·5 | 0·797 | 70 | 176 | S by E | 60 | 0·01 | Passing clouds: lg. N. W. |
| 6 | 29·703 | 0·095 | 80·0 | 74·7 | 89·6 | 72·7 | 110·8 | 72·5 | 0·790 | 77 | 135 | SW by S | 93 | 0·44 | Cloudy: lg. W. |
| 7 | 29·691 | 0·120 | 85·1 | 76·1 | 95·2 | 77·3 | 132·6 | 76·5 | 0·780 | 64 | 212 | SW by S | 53 | ... | Passing clouds: th. and lg. N. W. |
| 8 | 29·762 | 0·094 | 82·0 | 75·3 | 94·1 | 76·8 | 134·0 | 74·9 | 0·788 | 72 | 157 | S W | 85 | 1·45 | Cloudy: th.: rain. |
| 9 | 29·768 | 0·123 | 82·2 | 75·9 | 91·9 | 75·2 | 130·0 | 74·5 | 0·811 | 74 | 140 | SW by W | 60 | 0·07 | Passing clouds. |
| 10 | 29·735 | 0·145 | 83·4 | 75·1 | 96·2 | 77·5 | 131·0 | 75·8 | 0·762 | 66 | 146 | W by S | 67 | 0·39 | Cloudy: lg.: rain. |
| 11 | 29·716 | 0·074 | 78·0 | 74·3 | 85·1 | 74·5 | 104·0 | 73·5 | 0·799 | 83 | 102 | SW by S | 100 | 0·22 | Overcast: th. lg. and rain. |
| 12 | 29·705 | 0·105 | 79·3 | 74·0 | 88·2 | 75·5 | 123·1 | 74·1 | 0·770 | 77 | 172 | S by W | 90 | ... | Cloudy. |
| 13 | 29·761 | 0·105 | 79·5 | 74·3 | 85·4 | 75·3 | 109·4 | 74·3 | 0·779 | 77 | 152 | S by W | 93 | ... | Do. |
| 14 | 29·748 | 0·093 | 81·3 | 74·4 | 91·1 | 76·4 | 133·0 | 74·7 | 0·760 | 71 | 154 | S S W | 50 | ... | Passing clouds. |
| 15 | 29·715 | 0·137 | 82·7 | 75·4 | 94·3 | 77·3 | 135·1 | 74·5 | 0·783 | 70 | 161 | S by W | 30 | ... | Fine. |
| 16 | 29·709 | 0·091 | 80·7 | 75·3 | 94·1 | 74·5 | 132·5 | 73·2 | 0·805 | 76 | 165 | S S W | 30 | ... | Fine: th. and lg. |
| 17 | 29·714 | 0·099 | 80·9 | 75·4 | 95·6 | 73·6 | 136·1 | 71·8 | 0·807 | 76 | 193 | S by E | 60 | 0·03 | Passing clouds: th. and lg. |
| 18 | 29·739 | 0·125 | 79·3 | 75·0 | 85·1 | 73·5 | 126·9 | 72·3 | 0·812 | 81 | 127 | W S W | 97 | 2·34 | Overcast with rain. |
| 19 | 29·724 | 0·123 | 79·6 | 73·0 | 86·2 | 73·5 | 118·0 | 71·7 | 0·725 | 72 | 213 | West | 85 | 0·16 | Do. |
| 20 | 29·692 | 0·113 | 82·2 | 74·2 | 90·5 | 75·8 | 127·4 | 72·8 | 0·739 | 67 | 219 | W S W | 50 | 0·01 | Passing clouds. |
| 21 | 29·680 | 0·134 | 83·6 | 74·3 | 93·5 | 75·5 | 136·0 | 72·5 | 0·724 | 62 | 187 | W S W | 50 | ... | Do. |
| 22 | 29·683 | 0·127 | 83·5 | 74·2 | 92·8 | 79·1 | 126·4 | 76·4 | 0·722 | 62 | 226 | SW by W | 67 | ... | Do. |
| 23 | 29·702 | 0·093 | 83·2 | 74·6 | 89·9 | 78·2 | 100·9 | 76·5 | 0·742 | 65 | 242 | SW by W | 93 | ... | Cloudy. |
| 24 | 29·696 | 0·136 | 84·1 | 74·3 | 91·3 | 78·5 | 127·5 | 77·5 | 0·717 | 61 | 225 | SW by W | 77 | ... | Do. |
| 25 | 29·659 | 0·134 | 84·1 | 74·7 | 94·9 | 77·8 | 135·3 | 76·0 | 0·736 | 62 | 233 | SW by W | 63 | 0·02 | Passing clouds. |
| 26 | 29·667 | 0·112 | 84·8 | 75·3 | 96·4 | 78·0 | 133·6 | 75·6 | 0·750 | 62 | 219 | SW by S | 27 | ... | Fine: th. and lg. |
| 27 | 29·708 | 0·095 | 84·3 | 75·4 | 98·0 | 77·5 | 137·1 | 75·3 | 0·761 | 64 | 173 | S W | 60 | 1·00 | Cloudy: th. and lg. |
| 28 | 29·769 | 0·117 | 83·2 | 76·2 | 91·5 | 76·1 | 131·9 | 75·2 | 0·810 | 71 | 148 | SW by S | 67 | 0·04 | Cloudy. |
| 29 | 29·747 | 0·124 | 84·5 | 75·8 | 92·6 | 78·3 | 130·3 | 76·6 | 0·775 | 65 | 213 | S W | 80 | ... | Do. |
| 30 | 29·724 | 0·152 | 85·3 | 75·8 | 98·5 | 78·7 | 134·1 | 76·5 | 0·771 | 63 | 206 | S W | 43 | ... | Fine with passing clouds. |
| 31 | 29·702 | 0·131 | 85·9 | 74·4 | 95·5 | 78·2 | 140·1 | 76·1 | 0·697 | 56 | 220 | SW by W | 60 | ... | Passing clouds. |
| Mean | 29·717 | 0·114 | 82·6 | 75·0 | 92·7 | 76·6 | 127·6 | 74·9 | 0·769 | 69 | 178 | S W | 66 | 6·18 | |

# Madras Meteorological Observations. 1874—August.

| August 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents. | Inches | |
| 1 | 29·710 | 0·119 | 85·5 | 74·5 | 95·5 | 79·6 | 130·3 | 77·3 | 0·707 | 58 | 213 | SWby W | 70 | 0·06 | Passing clouds : lg. |
| 2 | 29·724 | 0·116 | 84·4 | 73·9 | 91·8 | 79·5 | 130·4 | 75·5 | 0·696 | 59 | 236 | S W | 83 | ... | Cloudy. |
| 3 | 29·757 | 0·119 | 86·3 | 74·6 | 99·2 | 76·9 | 140·5 | 73·2 | 0·700 | 56 | 215 | S W | 50 | ... | Passing clouds. |
| 4 | 29·764 | 0·155 | 86·6 | 75·7 | 97·8 | 79·7 | 139·2 | 78·1 | 0·742 | 58 | 214 | S W | 57 | ... | Do. |
| 5 | 29·781 | 0 102 | 82·2 | 74·7 | 88·7 | 78·2 | 103·0 | 76·5 | 0·760 | 69 | 120 | SW by S | 90 | ... | Cloudy. |
| 6 | 29·849 | 0·085 | 78·2 | 74·2 | 80·9 | 75·7 | 104·4 | 72·7 | 0·793 | 82 | 129 | W by S | 90 | 0·21 | Cloudy. |
| 7 | 29·812 | 0·132 | 81·4 | 75·6 | 92·5 | 75·5 | 141·0 | 73·5 | 0·809 | 76 | 143 | S S W | 70 | 0·12 | Do. |
| 8 | 29·778 | 0·123 | 82·1 | 76·0 | 93·8 | 76·2 | 140·5 | 74·5 | 0·817 | 75 | 202 | South | 60 | ... | Passing clouds. |
| 9 | 29·722 | 0·133 | 80·3 | 74·6 | 92·2 | 77·5 | 129·7 | 75·5 | 0·781 | 75 | 166 | S W | 87 | 0·09 | Cloudy. |
| 10 | 29·738 | 0·102 | 83·1 | 74·6 | 91·3 | 77·9 | 122·8 | 75·7 | 0·743 | 65 | 167 | S W | 87 | 0·04 | Cloudy : th. |
| 11 | 29·709 | 0·165 | 81·1 | 75·1 | 95·5 | 75·1 | 138·5 | 73·3 | 0·792 | 74 | 149 | SW byS | 77 | 0·01 | Cloudy. |
| 12 | 29·683 | 0·109 | 83·5 | 76·4 | 94·7 | 77·7 | 143·0 | 75·5 | 0·815 | 71 | 172 | South | 38 | ... | Fine with passing clouds. |
| 13 | 29·694 | 0·138 | 82·9 | 76·9 | 92·6 | 74·5 | 134·2 | 72·9 | 0·845 | 75 | 146 | S by W | 53 | 0·73 | Passing clouds : rain. |
| 14 | 29·713 | 0·091 | 84·1 | 75·9 | 93·2 | 79·3 | 139·0 | 76·8 | 0·785 | 67 | 175 | South | 33 | ... | Fine with light clouds. |
| 15 | 29·728 | 0·121 | 84·4 | 76·8 | 96·1 | 76·8 | 136·0 | 74·2 | 0·821 | 70 | 164 | S by W | 57 | 0·02 | Passing clouds. |
| 16 | 29·717 | 0·150 | 85·2 | 76·9 | 99·0 | 77·7 | 140·8 | 75·3 | 0·814 | 67 | 167 | South | 40 | ... | Do. |
| 17 | 29·745 | 0·113 | 83·0 | 76·0 | 97·0 | 76·8 | 141·8 | 76·0 | 0·804 | 71 | 185 | S S W | 57 | 0·06 | Passing clouds : th. and lg. |
| 18 | 29·713 | 0·115 | 80·2 | 75·7 | 88·8 | 73·6 | 119·2 | 72·4 | 0·829 | 80 | 131 | S S W | 93 | 0·42 | Cloudy. |
| 19 | 29·723 | 0·106 | 82·4 | 75·4 | 89·3 | 77·8 | 118·7 | 76·6 | 0·787 | 71 | 202 | S S W | 70 | 0·10 | Cloudy : lg. S. W. |
| 20 | 29·790 | 0·109 | 81·1 | 74·1 | 94·0 | 75·6 | 130·8 | 74·2 | 0·750 | 71 | 178 | S S W | 80 | 0·02 | Cloudy : th. and lg. |
| 21 | 29·797 | 0·115 | 85·1 | 75·1 | 97·1 | 76·6 | 136·4 | 74·1 | 0·738 | 61 | 176 | S S W | 53 | 0·02 | Light passing clouds. |
| 22 | 29·812 | 0·109 | 83·5 | 76·1 | 94·8 | 77·6 | 134·8 | 75·8 | 0·802 | 69 | 175 | South | 70 | ... | Do. |
| 23 | 29·793 | 0·153 | 85·6 | 75·7 | 97·9 | 77·6 | 142·8 | 74·6 | 0·756 | 61 | 174 | S by W | 33 | ... | Passing clouds. |
| 24 | 29·767 | 0·160 | 85·9 | 76·3 | 98·6 | 80·6 | 140·6 | 79·0 | 0·779 | 63 | 175 | S by W | 37 | ... | Fine with light clouds. |
| 25 | 29·739 | 0·170 | 85·2 | 75·6 | 97·9 | 77·7 | 142·6 | 76·8 | 0·758 | 63 | 208 | S by W | 70 | ... | Passing clouds : lg. S. W. |
| 26 | 29·716 | 0·126 | 86·1 | 75·9 | 99·4 | 80·4 | 139·8 | 78·7 | 0·758 | 61 | 232 | S S W | 53 | ... | Passing clouds. |
| 27 | 29·744 | 0·136 | 86·4 | 75·4 | 98·0 | 78·6 | 139·2 | 76·1 | 0·733 | 58 | 199 | SW by S | 57 | ... | Do. |
| 28 | 29·776 | 0·111 | 84·5 | 75·8 | 97·3 | 78·6 | 146·6 | 76·6 | 0·775 | 65 | 202 | S by E | 50 | ... | Do. |
| 29 | 29·807 | 0·122 | 81·6 | 75·5 | 93·4 | 74·3 | 141·4 | 72·7 | 0·802 | 75 | 120 | S by E | 60 | 0·08 | Do. |
| 30 | 29·791 | 0·099 | 83·9 | 76·0 | 95·8 | 76·8 | 147·2 | 74·2 | 0·792 | 68 | 150 | S S E | 33 | ... | Fine with passing clouds. |
| 31 | 29·743 | 0·140 | 83·8 | 75·9 | 93·4 | 75·9 | 143·1 | 74·0 | 0·790 | 68 | 163 | S S E | 47 | 0·70 | Passing clouds : th. and lg. |
| Mean | 29·753 | 0·124 | 83·5 | 75·5 | 94·4 | 77·3 | 134·8 | 75·2 | 0·777 | 68 | 176 | S S W | 61 | 2·68 | |

# Madras Meteorological Observations. 1874—September.

| September 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·752 | 0·113 | 81·3 | 75·3 | 88·5 | 72·5 | 120·7 | 71·6 | 0·798 | 74 | 157 | W S W | 77 | 0·17 | Cloudy with rain. |
| 2 | 29·798 | 0·119 | 81·0 | 76·7 | 87·2 | 74·5 | 140·7 | 73·6 | 0·862 | 81 | 74 | S E | 53 | 0·25 | Passing clouds with rain. |
| 3 | 29·767 | 0·165 | 83·1 | 77·7 | 92·8 | 76·1 | 136·4 | 74·4 | 0·878 | 77 | 123 | S S E | 60 | ... | Passing clouds : lg. N. |
| 4 | 29·746 | 0·119 | 81·8 | 76·9 | 92·2 | 77·7 | 139·3 | 76·7 | 0·860 | 79 | 84 | S by E | 57 | 0·05 | Passing clouds : lg. S. |
| 5 | 29·742 | 0·139 | 81·5 | 77·9 | 88·6 | 76·5 | 131·6 | 75·6 | 0·909 | 85 | 80 | S by E | 60 | 0·86 | Cloudy : rain. |
| 6 | 29·731 | 0·109 | 81·4 | 77·7 | 90·1 | 77·3 | 137·7 | 76·1 | 0·901 | 84 | 76 | South | 57 | 0·01 | Passing clouds. |
| 7 | 29·693 | 0·142 | 83·0 | 77·3 | 92·7 | 73·6 | 132·9 | 72·6 | 0·861 | 76 | 166 | W by S | 43 | 0·23 | Passing clouds : rain. |
| 8 | 29·691 | 0·137 | 83·8 | 76·7 | 93·2 | 79·3 | 138·2 | 77·8 | 0·824 | 72 | 109 | S W | 77 | ... | Cloudy. |
| 9 | 29·726 | 0·108 | 81·6 | 76·6 | 92·0 | 77·6 | 124·5 | 75·7 | 0·850 | 79 | 138 | S S E | 87 | 0·46 | Passing clouds : rain. |
| 10 | 29·777 | 0·095 | 78·6 | 74·7 | 88·1 | 72·1 | 128·7 | 71·6 | 0·808 | 82 | 170 | W by S | 58 | 1·55 | Cloudy : lg. : rain. |
| 11 | 29·792 | 0·138 | 80·2 | 76·1 | 91·3 | 77·5 | 139·8 | 75·6 | 0·847 | 82 | 125 | S S W | 77 | 0·06 | Cloudy. |
| 12 | 29·763 | 0·147 | 81·3 | 76·6 | 92·3 | 74·5 | 138·7 | 72·6 | 0·853 | 80 | 117 | S by E | 47 | .. | Fine with passing cls : th. & lg. N.W. |
| 13 | 29·764 | 0·155 | 81·3 | 76·2 | 90·0 | 72·8 | 140·9 | 71·8 | 0·836 | 78 | 155 | S by W | 43 | 0·47 | Passing clouds. |
| 14 | 29·767 | 0·105 | 80·5 | 75·1 | 91·4 | 74·9 | 139·2 | 72·6 | 0·799 | 76 | 135 | S by W | 33 | .. | Fine with passing clouds : lg. W. |
| 15 | 29·776 | 0·141 | 81·7 | 76·7 | 90·5 | 76·0 | 144·1 | 73·6 | 0·853 | 79 | 108 | S by W | 43 | ... | Passing clouds : lg. W. |
| 16 | 29·786 | 0·129 | 82·6 | 76·4 | 92·5 | 74·5 | 138·8 | 72·5 | 0·827 | 74 | 168 | South | 37 | 0·07 | Fine with p. clds. : th. : lg. W.& N.W. |
| 17 | 29·781 | 0·125 | 80·6 | 75·8 | 92·7 | 75·6 | 141·2 | 73·6 | 0·828 | 79 | 118 | South | 53 | 0·09 | Passing clouds : lg. W. and N. |
| 18 | 29·733 | 0·154 | 83·8 | 76·3 | 93·5 | 75·8 | 133·0 | 73·7 | 0·807 | 69 | 140 | S W | 50 | 0·05 | Passing clouds : lg. |
| 19 | 29·721 | 0·116 | 83·2 | 76·6 | 93·6 | 76·6 | 138·0 | 73·7 | 0·828 | 73 | 116 | S S W | 60 | .. | Passing clouds. |
| 20 | 29·739 | 0·148 | 81·0 | 75·8 | 86·4 | 76·5 | 105·8 | 73·8 | 0·822 | 78 | 121 | W S W | 93 | 0·01 | Cloudy. |
| 21 | 29·659 | 0·153 | 83·3 | 75·6 | 92·3 | 78·3 | 139·0 | 76·5 | 0·784 | 69 | 209 | W S W | 73 | ... | Do. |
| 22 | 29·635 | 0·125 | 79·4 | 74·2 | 91·4 | 78·1 | 129·8 | 76·3 | 0·777 | 77 | 148 | W by S | 93 | 0·15 | Do. |
| 23 | 29·633 | 0·139 | 82·0 | 76·8 | 90·6 | 75·3 | 136·4 | 73·7 | 0·854 | 78 | 155 | W S W | 80 | 0·15 | Do. |
| 24 | 29·648 | 0·111 | 82·1 | 75·5 | 87·9 | 78·6 | 116·2 | 76·6 | 0·795 | 73 | 181 | SW by W | 93 | ... | Do. |
| 25 | 29·662 | 0·131 | 83·8 | 75·7 | 92·9 | 77·3 | 135·3 | 74·5 | 0·781 | 68 | 225 | SW by S | 73 | | Do. |
| 26 | 29·721 | 0·126 | 84·1 | 76·5 | 91·4 | 75·7 | 138·8 | 72·3 | 0·812 | 70 | 184 | S S W | 57 | | Passing clouds. |
| 27 | 29·750 | 0·111 | 82·8 | 76·8 | 93·1 | 73·9 | 138·3 | 72·7 | 0·842 | 75 | 140 | S S W | 43 | 0·14 | Passing clouds : thunderstorm. |
| 28 | 29·773 | 0·142 | 79·5 | 75·5 | 88·3 | 74·5 | 122·6 | 72·5 | 0·830 | 82 | 147 | SW by W | 85 | 0·33 | Cloudy : th. : lg. N. : rain. |
| 29 | 29·792 | 0·125 | 80·7 | 74·8 | 88·7 | 74·5 | 126·5 | 72·5 | 0·783 | 74 | 203 | S W | 80 | 0·09 | Cloudy. |
| 30 | 29·781 | 0·135 | 84·0 | 76·0 | 93·7 | 76·5 | 142·1 | 73·8 | 0·791 | 68 | 129 | W by S | 70 | | Do. |
| Mean | 29·737 | 0·130 | 81·8 | 76·2 | 91·0 | 75·8 | 133·8 | 74·0 | 0·830 | 76 | 140 | SW by S | 64 | 5·19 | |

## Madras Meteorological Observations. 1874—October.

| October 1874 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·794 | 0·108 | 84·0 | 76·9 | 94·3 | 78·6 | 149·6 | 75·6 | 0·830 | 72 | 103 | S W | 63 | ... | Cloudy : lg. N. |
| 2 | 29·826 | 0·107 | 79·7 | 75·3 | 94·9 | 77·3 | 148·0 | 73·4 | 0·819 | 80 | 121 | SW by S | 80 | 1·48 | Cloudy : lg. S. W. |
| 3 | 29·820 | 0·145 | 81·0 | 76·6 | 92·6 | 73·9 | 134·8 | 70·8 | 0·857 | 81 | 127 | W S W | 18 | ... | Fine. |
| 4 | 29·793 | 0·135 | 81·3 | 75·2 | 94·3 | 77·6 | 138·8 | 74·8 | 0·794 | 74 | 133 | W by N | 35 | 0·13 | Fine with passing clouds : th. and lg. |
| 5 | 29·796 | 0·131 | 82·8 | 77·9 | 95·0 | 75·5 | 135·7 | 72·6 | 0·891 | 79 | 155 | South | 23 | ... | Fine : lg. W. |
| 6 | 29·820 | 0·105 | 84·9 | 76·6 | 96·4 | 76·7 | 134·3 | 73·4 | 0·805 | 67 | 154 | S W | 13 | ... | Fine. |
| 7 | 29·798 | 0·156 | 85·8 | 77·7 | 98·6 | 78·1 | 138·7 | 75·0 | 0·842 | 68 | 150 | S by W | 33 | 0·11 | Passing clouds. |
| 8 | 29·775 | 0·123 | 85·7 | 77·9 | 97·8 | 78·5 | 138·5 | 75·6 | 0·853 | 69 | 144 | South | 57 | ... | Do. |
| 9 | 29·768 | 0·126 | 82·4 | 77·7 | 92·0 | 79·3 | 121·0 | 76·2 | 0·888 | 80 | 74 | S W | 93 | ... | Cloudy : lg. S. W. |
| 10 | 29·793 | 0·136 | 80·7 | 76·3 | 85·4 | 77·3 | 100·6 | 74·4 | 0·848 | 80 | 32 | W N W | 77 | ... | Do. : do. |
| 11 | 29·773 | 0·151 | 82·0 | 76·7 | 89·6 | 76·6 | 137·8 | 73·5 | 0·849 | 78 | 102 | S by E | 40 | 1·04 | Passing clouds : rain. |
| 12 | 29·760 | 0·162 | 82·2 | 76·6 | 87·8 | 79·0 | 132·8 | 75·2 | 0·842 | 77 | 156 | SE by E | 33 | ... | Fine with passing clouds. |
| 13 | 29·757 | 0·131 | 82·1 | 77·0 | 88·9 | 76·8 | 135·6 | 73·3 | 0·861 | 79 | 74 | S E | 37 | 0·03 | Passing clouds. |
| 14 | 29·753 | 0·139 | 82·9 | 77·4 | 88·8 | 77·8 | 138·0 | 73·4 | 0·867 | 77 | 80 | SE by E | 53 | ... | Do. |
| 15 | 29·765 | 0·148 | 83·5 | 78·2 | 93·5 | 77·8 | 138·4 | 74·2 | 0·895 | 78 | 114 | SE by S | 43 | ... | Fine with passing clouds : lg. W. & N. |
| 16 | 29·768 | 0·139 | 81·5 | 77·3 | 88·9 | 74·2 | 132·7 | 72·4 | 0·881 | 82 | 93 | S E by S | 37 | 2·16 | Passing clouds : rain : lg. W. |
| 17 | 29·795 | 0·087 | 81·4 | 78·0 | 88·3 | 77·8 | 131·5 | 75·4 | 0·914 | 85 | 61 | E by S | 67 | 0·79 | Cloudy : rain : lg. W. and N. |
| 18 | 29·840 | 0·086 | 80·8 | 76·5 | 87·6 | 75·3 | 135·0 | 73·6 | 0·856 | 82 | 85 | N N E | 60 | 0·21 | Passing clouds : rain. |
| 19 | 29·844 | 0·125 | 81·8 | 77·2 | 89·1 | 76·6 | 136·3 | 73·6 | 0·873 | 81 | 98 | N E | 63 | 0·14 | Do. : do. |
| 20 | 29·829 | 0·085 | 77·8 | 75·1 | 83·0 | 76·6 | 100·1 | 73·4 | 0·836 | 88 | 46 | North | 97 | 0·88 | Overcast : rain. |
| 21 | 29·773 | 0·118 | 77·8 | 74·4 | 86·9 | 74·1 | 138·1 | 71·4 | 0·806 | 84 | 105 | N W | 80 | 0·05 | Cloudy. |
| 22 | 29·756 | 0·122 | 78·1 | 75·5 | 82·5 | 74·7 | 113·4 | 73·2 | 0·849 | 89 | 71 | NW by W | 87 | 0·18 | Do. |
| 23 | 29·736 | 0·129 | 74·6 | 72·9 | 76·1 | 73·2 | 78·7 | 72·5 | 0·787 | 92 | 196 | N W | 100 | 2·86 | Overcast : rain. |
| 24 | 29·660 | 0·136 | 75·5 | 74·0 | 80·9 | 73·6 | 120·4 | 73·4 | 0·821 | 93 | 241 | N N W | 93 | 7·47 | Overcast : th. lg. and heavy rain. |
| 25 | 29·603 | 0·098 | 74·6 | 73·3 | 76·8 | 73·6 | 89·4 | 74·0 | 0·804 | 94 | 299 | W by N | 93 | 3·41 | Overcast : rain. |
| 26 | 29·684 | 0·097 | 78·3 | 74·3 | 87·0 | 72·3 | 132·6 | 71·4 | 0·796 | 82 | 221 | S W | 87 | 0·28 | Cloudy : th. lg. and rain. |
| 27 | 29·787 | 0·083 | 80·7 | 75·1 | 87·2 | 75·8 | 133·4 | 72·4 | 0·797 | 76 | 152 | SW by W | 83 | 0·03 | Cloudy : lg. E. to S. |
| 28 | 29·857 | 0·113 | 81·9 | 77·8 | 90·5 | 76·6 | 132·0 | 73·7 | 0·899 | 83 | 108 | SW by S | 77 | 0·01 | Cloudy : lg. S. W. |
| 29 | 29·890 | 0·103 | 80·3 | 77·0 | 90·4 | 76·8 | 136·5 | 74·5 | 0·885 | 86 | 77 | S S E | 60 | ... | Passing clouds : lg. W. |
| 30 | 29·897 | 0·122 | 80·6 | 75·4 | 90·4 | 74·6 | 137·7 | 71·5 | 0·811 | 77 | 53 | E by S | 27 | ... | Fine with passing clouds. |
| 31 | 29·914 | 0·116 | 81·3 | 75·1 | 90·3 | 74·7 | 137·0 | 70·5 | 0·789 | 73 | 86 | N E | 10 | ... | Fine. |
| Mean | 29·788 | 0·121 | 80·9 | 76·2 | 89·2 | 76·2 | 129·3 | 73·5 | 0·843 | 80 | 120 | W S W | 59 | 21·26 | |

# Madras Meteorological Observations. 1874—November.

| November 1874 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches. | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents. | Miles | Points | Cents | Inches | |
| 1 | 29·895 | 0·112 | 79·7 | 74·7 | 86·7 | 75·5 | 134·1 | 71·6 | 0·794 | 78 | 153 | North | 43 | ... | Passing clouds. |
| 2 | 29·856 | 0·122 | 77·2 | 68·4 | 87·0 | 72·5 | 126·8 | 67·4 | 0·578 | 61 | 114 | W N W | 67 | ... | Hazy. |
| 3 | 29·883 | 0·105 | 79·2 | 72·5 | 91·8 | 68·6 | 137·1 | 62·3 | 0·710 | 71 | 110 | S by W | 20 | ... | Fine. |
| 4 | 29·943 | 0·112 | 80·5 | 74·8 | 86·3 | 74·3 | 135·3 | 69·5 | 0·786 | 75 | 102 | E by S | 43 | 0·09 | Passing clouds. |
| 5 | 29·946 | 0·106 | 79·3 | 74·9 | 88·4 | 73·5 | 136·1 | 69·6 | 0·807 | 80 | 88 | NE by N | 67 | ... | Cloudy. |
| 6 | 29·899 | 0·125 | 79·2 | 75·2 | 87·1 | 74·9 | 136·3 | 72·9 | 0·822 | 82 | 148 | North | 77 | 0·45 | Cloudy : rain. |
| 7 | 29·881 | 0·142 | 79·3 | 75·6 | 85·9 | 74·5 | 132·9 | 71·8 | 0·838 | 84 | 131 | N N W | 73 | ... | Cloudy. |
| 8 | 29·891 | 0·124 | 79·4 | 76·0 | 83·7 | 76·2 | 125·7 | 73·7 | 0·853 | 85 | 128 | N by W | 63 | 0·04 | Do. |
| 9 | 29·907 | 0·127 | 78·2 | 74·4 | 85·5 | 74·5 | 124·3 | 70·9 | 0·801 | 83 | 147 | N N W | 77 | 0·12 | Do. |
| 10 | 29·919 | 0·169 | 77·2 | 72·3 | 84·1 | 73·2 | 134·1 | 69·4 | 0·728 | 77 | 127 | N N W | 60 | ... | Passing clouds. |
| 11 | 29·929 | 0·119 | 76·4 | 70·4 | 88·6 | 67·6 | 131·7 | 61·5 | 0·664 | 73 | 75 | North | 40 | ... | Light clouds. |
| 12 | 29·949 | 0·119 | 77·5 | 71·7 | 86·9 | 71·0 | 135·7 | 65·7 | 0·700 | 74 | 84 | N E | 27 | ... | Fine with passing clouds. |
| 13 | 29·984 | 0·122 | 77·2 | 70·1 | 86·3 | 69·3 | 133·7 | 63·4 | 0·643 | 69 | 96 | N by W | 0 | ... | Clear. |
| 14 | 29·993 | 0·108 | 75·8 | 71·9 | 85·4 | 69·5 | 137·5 | 64·4 | 0·730 | 82 | 140 | N N W | 53 | ... | Passing clouds. |
| 15 | 29·988 | 0·098 | 77·1 | 71·4 | 85·7 | 71·6 | 138·9 | 67·8 | 0·693 | 74 | 210 | N N W | 33 | ... | Fine with passing clouds. |
| 16 | 29·984 | 0·094 | 77·0 | 71·5 | 85·7 | 72·7 | 139·8 | 67·5 | 0·699 | 75 | 224 | N by W | 63 | 0·01 | Passing clouds. |
| 17 | 29·994 | 0·114 | 78·8 | 73·7 | 87·0 | 72·8 | 144·8 | 71·6 | 0·765 | 78 | 120 | N N E | 57 | 0·14 | Do. |
| 18 | 29·954 | 0·141 | 77·9 | 74·1 | 84·8 | 73·1 | 136·6 | 71·5 | 0·793 | 83 | 147 | North | 63 | 1·53 | Passing clouds : rain. |
| 19 | 29·930 | 0·106 | 77·6 | 73·1 | 85·4 | 72·4 | 134·5 | 68·5 | 0·756 | 80 | 129 | N by E | 53 | ... | Passing clouds. |
| 20 | 29·943 | 0·102 | 76·5 | 72·3 | 84·1 | 70·4 | 136·7 | 65·5 | 0·738 | 81 | 166 | N N W | 50 | ... | Do. |
| 21 | 29·938 | 0·124 | 78·2 | 73·1 | 85·8 | 73·8 | 133·4 | 69·7 | 0·748 | 78 | 200 | N N W | 50 | ... | Do. |
| 22 | 29·916 | 0·140 | 78·3 | 73·3 | 85·2 | 74·4 | 137·6 | 70·7 | 0·754 | 78 | 197 | N N W | 33 | 0·01 | Do. |
| 23 | 29·906 | 0·112 | 77·6 | 73·3 | 84·6 | 73·3 | 134·6 | 69·5 | 0·763 | 81 | 244 | N N W | 70 | 0·13 | Do. |
| 24 | 29·917 | 0·112 | 80·0 | 75·8 | 87·9 | 76·7 | 137·1 | ... | 0·836 | 81 | 221 | North | 77 | 0·27 | Cloudy with rain. |
| 25 | 29·939 | 0·087 | 77·9 | 74·9 | 87·5 | 75·5 | 140·9 | 73·5 | 0·826 | 86 | 160 | North | 70 | 0·22 | Cloudy. |
| 26 | 29·952 | 0·097 | 76·4 | 73·8 | 81·7 | 74·7 | 94·9 | 72·8 | 0·801 | 88 | 123 | N N E | 97 | 3·45 | Overcast with rain. |
| 27 | 29·970 | 0·098 | 76·0 | 73·4 | 83·6 | 71·3 | 140·0 | 70·5 | 0·790 | 88 | 113 | N by E | 83 | 1·30 | Cloudy with rain. |
| 28 | 29·942 | 0·132 | 78·4 | 74·8 | 85·0 | 72·6 | 135·4 | 70·6 | 0·815 | 84 | 201 | NE by N | 67 | 1·88 | Cloudy. |
| 29 | 29·972 | 0·089 | 75·7 | 72·0 | 82·8 | 70·8 | 132·6 | 69·7 | 0·736 | 83 | 166 | N N E | 97 | 0·66 | Overcast with rain. |
| 30 | 29·972 | 0·111 | 77·2 | 71·4 | 83·4 | 73·3 | 133·3 | 69·5 | 0·692 | 74 | 231 | North | 50 | ... | Passing clouds. |
| Mean | 29·936 | 0·116 | 77·9 | 73·2 | 85·8 | 72·8 | 133·7 | 69·1 | 0·755 | 79 | 150 | North | 57 | 10·30 | |

# Madras Meteorological Observations. 1874—December.

| December 1874 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·003 | 0·107 | 75·7 | 70·2 | 81·4 | 70·7 | 133·2 | 66·7 | 0·666 | 75 | 162 | N by W | 60 | ... | Passing clouds. |
| 2 | 30·014 | 0·112 | 75·6 | 70·1 | 83·5 | 69·7 | 132·8 | 64·7 | 0·664 | 75 | 205 | North | 40 | ... | Do. |
| 3 | 30·029 | 0·106 | 75·7 | 69·4 | 83·6 | 69·8 | 133·7 | 65·3 | 0·636 | 71 | 220 | N by W | 23 | ... | Fine with passing clouds. |
| 4 | 30·039 | 0·116 | 75·3 | 67·4 | 83·5 | 67·5 | 135·1 | 61·7 | 0·566 | 64 | 222 | North | 33 | ... | Do. |
| 5 | 30·034 | 0·119 | 75·3 | 67·8 | 83·6 | 68·5 | 132·6 | 61·5 | 0·581 | 66 | 213 | North | 23 | ... | Do. |
| 6 | 30·035 | 0·123 | 75·3 | 68·2 | 83·9 | 67·8 | 133·7 | 61·8 | 0·596 | 68 | 217 | North | 30 | ... | Do. |
| 7 | 30·012 | 0·125 | 75·0 | 67·5 | 83·8 | 68·2 | 133·8 | 63·7 | 0·575 | 66 | 200 | North | 37 | ... | Do. |
| 8 | 29·976 | 0·136 | 74·3 | 68·3 | 80·5 | 69·5 | 129·2 | 65·0 | 0·613 | 72 | 246 | N N W | 70 | ... | Cloudy. |
| 9 | 29·925 | 0·131 | 74·5 | 69·5 | 78·9 | 70·6 | 113·7 | 70·1 | 0·656 | 77 | 281 | NW by N | 97 | ... | Overcast. |
| 10 | 29·850 | 0·136 | 75·0 | 70·7 | 76·5 | 72·7 | 91·5 | 70·7 | 0·695 | 80 | 353 | N W | 100 | 0·03 | Do. |
| 11 | 29·816 | 0·094 | 71·7 | 70·8 | 73·7 | 70·7 | 90·0 | 70·7 | 0·743 | 95 | 418 | N W | 100 | 1·24 | Overcast with rain. |
| 12 | 29·861 | 0·103 | 73·0 | 70·8 | 74·2 | 71·7 | 76·5 | 71·7 | 0·725 | 89 | 527 | N N E | 100 | 2·98 | Do. |
| 13 | 29·967 | 0·083 | 75·2 | 72·6 | 79·4 | 73·3 | 118·5 | 71·2 | 0·768 | 88 | 227 | E N E | 87 | 0·77 | Cloudy with rain. |
| 14 | 29·994 | 0·112 | 76·7 | 73·7 | 83·4 | 72·5 | 121·4 | 70·2 | 0·793 | 86 | 148 | NE by N | 83 | 0·31 | Do. |
| 15 | 30·003 | 0·082 | 77·0 | 72·1 | 84·3 | 72·5 | 134·6 | 69·0 | 0·723 | 77 | 190 | N N E | 53 | ... | Passing clouds. |
| 16 | 30·029 | 0·104 | 75·4 | 70·3 | 82·3 | 69·0 | 131·9 | 64·8 | 0·675 | 77 | 208 | N by E | 50 | ... | Do. |
| 17 | 30·045 | 0·094 | 75·1 | 70·9 | 82·6 | 69·6 | 132·3 | 65·1 | 0·703 | 81 | 167 | North | 47 | ... | Fine with passing clouds. |
| 18 | 30·027 | 0·120 | 73·8 | 69·2 | 82·1 | 68·8 | 134·7 | 64·5 | 0·654 | 79 | 143 | North | 40 | ... | Do. |
| 19 | 30·000 | 0·116 | 73·6 | 66·9 | 81·8 | 64·5 | 129·2 | 59·4 | 0·572 | 69 | 213 | N by E | 27 | ... | Do. |
| 20 | 30·016 | 0·116 | 73·9 | 67·3 | 81·2 | 66·1 | 129·9 | 61·1 | 0·582 | 70 | 217 | North | 20 | ... | Fine. |
| 21 | 30·022 | 0·129 | 73·4 | 67·5 | 80·1 | 68·8 | 129·3 | 65·6 | 0·596 | 72 | 259 | N by W | 63 | ... | Passing clouds. |
| 22 | 30·012 | 0·098 | 72·1 | 67·2 | 81·3 | 68·9 | 134·5 | 66·2 | 0·602 | 76 | 225 | N by W | 60 | ... | Do. |
| 23 | 30·022 | 0·096 | 72·2 | 67·1 | 81·0 | 67·0 | 130·3 | 62·1 | 0·597 | 76 | 175 | North | 50 | ... | Do. |
| 24 | 30·006 | 0·118 | 74·2 | 67·6 | 82·8 | 68·8 | 134·7 | ... | 0·589 | 70 | 164 | North | 43 | ... | Do. |
| 25 | 29·951 | 0·138 | 72·3 | 67·2 | 82·4 | 65·8 | 137·7 | 58·5 | 0·600 | 76 | 151 | North | 27 | ... | Fine with passing clouds. |
| 26 | 29·938 | 0·093 | 71·9 | 68·2 | 81·7 | 62·8 | 130·0 | 55·5 | 0·642 | 82 | 117 | N by E | 67 | ... | Passing clouds. |
| 27 | 29·951 | 0·101 | 74·2 | 71·8 | 80·4 | 69·5 | 116·4 | 65·0 | 0·749 | 88 | 126 | N by E | 90 | 0·08 | Cloudy. |
| 28 | 29·971 | 0·110 | 77·2 | 74·9 | 84·4 | 73·8 | 133·4 | 70·5 | 0·836 | 90 | 126 | NE by N | 53 | 0·13 | Passing clouds. |
| 29 | 29·991 | 0·119 | 78·1 | 73·8 | 85·3 | 73·0 | 132·8 | 68·8 | 0·777 | 81 | 146 | N E | 63 | 0·03 | Do. |
| 30 | 30·042 | 0·094 | 76·9 | 71·4 | 83·4 | 71·0 | 130·7 | 65·7 | 0·696 | 75 | 187 | N by E | 40 | ... | Do. |
| 31 | 30·043 | 0·110 | 76·1 | 68·4 | 83·3 | 70·8 | 131·7 | 65·5 | 0·592 | 65 | 212 | N by E | 40 | ... | Do. |
| Mean | 29·989 | 0·111 | 74·7 | 69·6 | 81·6 | 69·5 | 126·1 | 65·4 | 0·660 | 77 | 215 | North | 55 | 5·57 | |

## Madras Mean Monthly and Annual Meteorological Results in 1874.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·021 | 0·120 | 74·6 | 84·1 | 66·7 | 17·4 | 68·1 | 64·3 | 0·603 | 70 | 132·5 | 60·7 | 142 | 4 | N E | ... | ... | 75 |
| February | 29·964 | 0·124 | 77·2 | 86·7 | 68·7 | 18·0 | 71·0 | 67·2 | 0·678 | 73 | 133·4 | 64·3 | 129 | 9 | E by S | ... | ... | 79 |
| March | 29·876 | 0·131 | 80·5 | 89·8 | 72·6 | 17·2 | 74·0 | 70·8 | 0·754 | 72 | 135·4 | 69·0 | 175 | 11 | S E by E | ... | ... | 81 |
| April | 29·846 | 0·141 | 83·6 | 92·5 | 76·7 | 15·8 | 76·7 | 74·2 | 0·829 | 72 | 134·9 | 73·5 | 202 | 12 | S E | ... | ... | 76 |
| May | 29·693 | 0·124 | 84·7 | 95·5 | 79·3 | 16·2 | 76·9 | 74·6 | 0·822 | 70 | 132·8 | 77·9 | 218 | 16 | South | 7·96 | 5 | 53 |
| June | 29·710 | 0·124 | 84·2 | 93·9 | 77·9 | 16·0 | 75·5 | 72·6 | 0·767 | 66 | 127·3 | 76·2 | 176 | 19 | S W by S | 3·76 | 12 | 36 |
| July | 29·717 | 0·114 | 82·6 | 92·7 | 76·6 | 16·1 | 75·0 | 72·2 | 0·769 | 69 | 127·6 | 74·9 | 178 | 20 | S W | 6·18 | 13 | 34 |
| August | 29·753 | 0·124 | 83·5 | 94·4 | 77·3 | 17·1 | 75·5 | 72·2 | 0·777 | 68 | 134·8 | 75·2 | 176 | 18 | S S W | 2·68 | 15 | 39 |
| September | 29·737 | 0·130 | 81·8 | 91·0 | 75·8 | 15·2 | 76·2 | 72·8 | 0·830 | 76 | 133·8 | 74·0 | 140 | 19 | S W by S | 5·19 | 19 | 36 |
| October | 29·788 | 0·121 | 80·9 | 89·2 | 76·2 | 13·0 | 76·2 | 73·8 | 0·843 | 80 | 129·3 | 73·5 | 120 | 22 | W S W | 21·26 | 18 | 41 |
| November | 29·936 | 0·116 | 77·9 | 85·8 | 72·8 | 13·0 | 73·2 | 70·7 | 0·755 | 79 | 133·7 | 69·1 | 150 | 0 | North | 10·30 | 15 | 43 |
| December | 29·989 | 0·111 | 74·7 | 81·6 | 69·5 | 12·1 | 69·6 | 67·1 | 0·660 | 77 | 126·1 | 65·4 | 215 | 0 | North | 5·57 | 8 | 45 |
| Annual | 29·836 | 0·123 | 80·5 | 89·8 | 74·2 | 15·6 | 74·0 | 71·0 | 0·757 | 73 | 131·8 | 71·1 | 168 | 12 | S E | 62·90 | 105 | 53 |

## Madras Extreme Monthly Meteorological Records in 1874.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·163 | 19 | 29·884 | 25 | 0·279 | 86·8 | 27 | 59·6 | 15 | 58·8 | 15 | 48 | 17 | 139·6 | 11 | 51·5 | 15 | 284 | 6 | 60 | 14 | ... | ... |
| February | 30·119 | 16 | 29·784 | 10 | 0·335 | 91·3 | 12 | 63·1 | 25 | 61·8 | 23 | 51 | 11 | 139·4 | 3 | 57·5 | 23 | 295 | 17 | 71 | 20 | ... | ... |
| March | 30·060 | 1 | 29·720 | 24 | 0·340 | 96·6 | 31 | 66·3 | 5 | 64·7 | 6 | 50 | 6 | 143·4 | 19 | 61·3 | 5 | 275 | 26 | 78 | 1 | ... | ... |
| April | 29·999 | 11 | 29·689 | 14 | 0·310 | 99·8 | 14 | 69·7 | 9 | 67·7 | 9 | 45 | 13 | 142·6 | 26 | 64·8 | 9 | 300 | 2 | 107 | 28 | ... | ... |
| May | 29·887 | 14 | 29·306 | 5 | 0·581 | 102·2 | 31 | 70·8 | 7 | 68·4 | 7 | 36 | 24 | 146·8 | 12 | 69·8 | 7 | 690 | 5 | 65 | 3 | 6·18 | 5 |
| June | 29·886 | 3 | 29·546 | 12 | 0·340 | 99·6 | 24 | 72·7 | 7 | 70·1 | 7 | 37 | 24 | 141·8 | 23 | 71·3 | 7 | 281 | 25 | 51 | 7 | 1·07 | 13 |
| July | 29·818 | 9 | 29·584 | 25 | 0·234 | 98·5 | 30 | 72·7 | 6 | 69·9 | 6 | 44 | 31 | 140·1 | 31 | 71·7 | 19 | 242 | 23 | 102 | 11 | 2·34 | 18 |
| August | 29·889 | 6 | 29·616 | 12 | 0·273 | 99·4 | 26 | 73·6 | 18 | 70·2 | 20 | 40 | 1 | 147·2 | 30 | 72·4 | 18 | 236 | 2 | 120 | 5 | 0·73 | 13 |
| September | 29·846 | 2 | 29·561 | 23 | 0·285 | 93·7 | 30 | 72·1 | 10 | 70·2 | 10 | 52 | 18 | 144·1 | 15 | 71·6 | 10 | 225 | 25 | 74 | 2 | 1·55 | 10 |
| October | 29·964 | 31 | 29·548 | 25 | 0·416 | 98·6 | 7 | 72·3 | 26 | 71·3 | 23 | 47 | 6 | 149·6 | 1 | 70·5 | 31 | 299 | 25 | 32 | 10 | 7·47 | 24 |
| November | 30·052 | 17 | 29·799 | 2 | 0·253 | 91·8 | 3 | 67·6 | 11 | 65·4 | 2 | 49 | 2 | 144·8 | 17 | 61·5 | 11 | 241 | 23 | 75 | 11 | 3·45 | 26 |
| December | 30·100 | 4 | 29·796 | 11 | 0·304 | 85·3 | 29 | 62·8 | 26 | 61·6 | 26 | 55 | 5 | 137·7 | 25 | 55·5 | 26 | 527 | 12 | 117 | 26 | 2·98 | 12 |

# Madras Meteorological Observations, 1875—January.

| January 1875 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·047 | 0·119 | 74·6 | 66·3 | 83·0 | 64·8 | 131·4 | 58·3 | 0·536 | 62 | 185 | N by E | 40 | ... | Passing clouds. |
| 2 | 30·049 | 0·102 | 74·0 | 67·8 | 83·6 | 65·6 | 136·5 | 59·8 | 0·598 | 71 | 164 | N by E | 43 | ... | Fine with passing clouds. |
| 3 | 30·023 | 0·134 | 74·5 | 67·5 | 82·8 | 67·1 | 134·5 | 62·8 | 0·581 | 68 | 207 | North | 20 | ... | Fine. |
| 4 | 29·982 | 0·126 | 74·1 | 68·4 | 84·4 | 66·9 | 132·2 | 60·8 | 0·620 | 73 | 135 | N by E | 13 | ... | Do. |
| 5 | 29·959 | 0·103 | 73·4 | 69·1 | 83·8 | 65·3 | 133·0 | 59·8 | 0·655 | 80 | 132 | N by E | 7 | ... | Do. |
| 6 | 29·987 | 0·088 | 72·8 | 67·8 | 83·4 | 64·6 | 135·2 | 57·8 | 0·614 | 76 | 135 | North | 17 | ... | Do. |
| 7 | 30·007 | 0·121 | 72·4 | 64·5 | 83·0 | 61·6 | 130·1 | 55·3 | 0·503 | 63 | 178 | N by E | 43 | ... | Fine with passing clouds. |
| 8 | 29·967 | 0·121 | 75·2 | 64·9 | 83·5 | 69·6 | 135·6 | 62·8 | 0·479 | 55 | 173 | NE by N | 50 | ... | Do. |
| 9 | 29·960 | 0·119 | 71·7 | 64·1 | 82·3 | 67·9 | 135·0 | 62·7 | 0·498 | 64 | 94 | N by E | 57 | ... | Passing clouds. |
| 10 | 29·986 | 0·090 | 70·7 | 64·0 | 83·6 | 61·4 | 139·4 | 55·1 | 0·509 | 67 | 78 | NE by N | 43 | ... | Fine with passing clouds. |
| 11 | 29·967 | 0·133 | 72·9 | 65·3 | 84·2 | 65·0 | 134·9 | 58·8 | 0·524 | 65 | 118 | North | 47 | ... | Do. |
| 12 | 29·909 | 0·113 | 72·4 | 67·7 | 84·4 | 64·6 | 137·0 | 58·1 | 0·616 | 77 | 102 | N by E | 37 | ... | Do. |
| 13 | 29·929 | 0·113 | 71·2 | 65·9 | 83·7 | 64·6 | 134·6 | 58·3 | 0·568 | 74 | 88 | NE by N | 27 | ... | Light clouds. |
| 14 | 29·915 | 0·130 | 70·4 | 65·2 | 82·7 | 61·6 | 131·1 | 54·7 | 0·553 | 75 | 56 | NE by E | 17 | ... | Fine with light clouds. |
| 15 | 29·894 | 0·133 | 71·8 | 66·4 | 84·4 | 62·9 | 132·0 | 56·2 | 0·577 | 73 | 43 | E N E | 20 | ... | Do. |
| 16 | 29·880 | 0·125 | 74·0 | 67·4 | 84·9 | 62·8 | 131·0 | 55·9 | 0·582 | 70 | 72 | E by S | 7 | ... | Fine. |
| 17 | 29·890 | 0·128 | 74·3 | 68·2 | 83·8 | 64·6 | 129·3 | 58·5 | 0·610 | 72 | 105 | E S E | 10 | ... | Do. |
| 18 | 29·875 | 0·160 | 75·8 | 69·9 | 83·7 | 67·0 | 134·0 | 61·6 | 0·653 | 73 | 127 | SE by E | 23 | ... | Fine with passing clouds. |
| 19 | 29·861 | 0·118 | 76·8 | 71·6 | 87·2 | 68·8 | 136·8 | 63·9 | 0·706 | 76 | 149 | S E | 27 | ... | Do. |
| 20 | 29·856 | 0·114 | 77·3 | 72·6 | 87·9 | 70·4 | 137·4 | 65·6 | 0·739 | 79 | 100 | SE by S | 20 | ... | Fine. |
| 21 | 29·856 | 0·133 | 78·0 | 72·5 | 85·5 | 71·0 | 134·8 | 65·9 | 0·725 | 75 | 116 | E S E | 37 | ... | Fine with passing clouds. |
| 22 | 29·896 | 0·097 | 75·7 | 71·0 | 82·8 | 71·3 | 136·0 | 66·7 | 0·697 | 78 | 134 | E S E | 47 | ... | Passing clouds. |
| 23 | 29·913 | 0·108 | 78·0 | 71·4 | 84·2 | 73·2 | 136·0 | 67·3 | 0·682 | 72 | 131 | E by S | 60 | ... | Do. |
| 24 | 29·939 | 0·098 | 78·6 | 71·8 | 84·8 | 73·2 | 133·3 | 69·2 | 0·690 | 71 | 149 | E S E | 50 | 0·01 | Do. |
| 25 | 29·949 | 0·101 | 78·6 | 71·9 | 84·4 | 75·1 | 136·9 | 72·4 | 0·693 | 70 | 131 | E by S | 63 | ... | Do. |
| 26 | 29·955 | 0·128 | 78·5 | 71·6 | 85·5 | 71·9 | 138·6 | 67·4 | 0·683 | 70 | 109 | E by N | 50 | ... | Do. |
| 27 | 29·960 | 0·106 | 77·1 | 70·6 | 85·4 | 69·0 | 134·9 | 64·6 | 0·663 | 71 | 113 | E N E | 27 | ... | Fine with light clouds. |
| 28 | 29·975 | 0·123 | 77·5 | 70·6 | 85·7 | 69·2 | 134·8 | 64·2 | 0·658 | 70 | 117 | N E | 33 | ... | Fine with passing clouds. |
| 29 | 29·964 | 0·129 | 77·3 | 70·9 | 85·4 | 70·1 | 133·4 | 64·8 | 0·672 | 71 | 98 | NE by E | 23 | ... | Fine. |
| 30 | 29·958 | 0·121 | 77·4 | 71·4 | 85·8 | 69·6 | 135·6 | 65·4 | 0·690 | 73 | 72 | E by S | 35 | ... | Fine with passing clouds. |
| 31 | 29·972 | 0·110 | 78·8 | 73·6 | 87·6 | 71·6 | 139·6 | 67·5 | 0·760 | 77 | 128 | E by N | 43 | ... | Passing clouds. |
| Mean | 29·945 | 0·118 | 75·0 | 68·8 | 84·4 | 67·5 | 134·7 | 62·0 | 0·624 | 71 | 121 | NE by E | 33 | 0·01 | |

# Madras Meteorological Observations. 1875—February.

| February 1875 | Barometer reduced to 32° |  | Corrected Mean Temperature |  | Self Registering Thermometers |  |  |  | Deduced |  | Wind |  | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction |  |  |  |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches |  |
| 1 | 29·992 | 0·116 | 79·6 | 72·9 | 85·7 | 76·2 | 133·3 | 72·5 | 0·720 | 71 | 245 | N E | 50 | ... | Passing clouds. |
| 2 | 30·002 | 0·119 | 78·5 | 70·5 | 86·2 | 75·1 | 136·9 | 70·4 | 0·640 | 66 | 265 | N E | 40 | ... | Do. |
| 3 | 30·040 | 0·112 | 76·1 | 66·8 | 84·0 | 70·8 | 131·3 | 64·4 | 0·534 | 59 | 233 | N N E | 37 | ... | Fine with passing clouds. |
| 4 | 30·032 | 0·130 | 75·6 | 66·6 | 84·6 | 66·6 | 134·5 | 60·8 | 0·533 | 60 | 157 | N N E | 47 | ... | Do. |
| 5 | 29·976 | 0·106 | 75·9 | 68·3 | 85·0 | 68·8 | 135·5 | 63·6 | 0·592 | 66 | 140 | N by E | 37 | ... | Passing clouds. |
| 6 | 29·968 | 0·129 | 75·3 | 67·3 | 84·5 | 65·8 | 134·9 | 59·6 | 0·562 | 64 | 134 | N by E | 50 | ... | Do. |
| 7 | 29·958 | 0·130 | 76·7 | 68·0 | 84·8 | 68·9 | 134·9 | 63·4 | 0·569 | 62 | 144 | N N E | 57 | ... | Do. |
| 8 | 29·954 | 0·115 | 75·4 | 67·6 | 84·0 | 65·5 | 132·5 | 58·7 | 0·573 | 65 | 74 | E N E | 27 | ... | Fine. |
| 9 | 29·940 | 0·124 | 73·9 | 67·4 | 83·5 | 64·0 | 131·1 | 57·4 | 0·585 | 70 | 80 | East | 17 | ... | Do. |
| 10 | 29·944 | 0·105 | 73·5 | 68·3 | 83·8 | 65·9 | 128·9 | 60·2 | 0·624 | 75 | 71 | E by S | 37 | ... | Fine with passing clouds. |
| 11 | 29·973 | 0·113 | 74·0 | 68·8 | 84·3 | 66·0 | 129·3 | 59·4 | 0·635 | 75 | 60 | East | 20 | ... | Fine. |
| 12 | 29·975 | 0·130 | 75·6 | 69·2 | 84·6 | 66·6 | 132·5 | 60·5 | 0·627 | 71 | 101 | E N E | 47 | ... | Fine with passing clouds. |
| 13 | 29·958 | 0·138 | 77·1 | 69·9 | 85·8 | 66·8 | 135·9 | 61·2 | 0·638 | 68 | 108 | N E | 43 | ... | Passing clouds. |
| 14 | 29·967 | 0·131 | 77·2 | 70·0 | 87·7 | 69·4 | 139·4 | 64·3 | 0·638 | 68 | 135 | N E | 27 | ... | Fine with passing clouds. |
| 15 | 29·958 | 0·139 | 76·0 | 68·5 | 85·9 | 66·9 | 133·6 | 61·5 | 0·598 | 67 | 73 | E N E | 30 | ... | Do. |
| 16 | 29·937 | 0·124 | 77·1 | 71·5 | 86·3 | 67·9 | 132·5 | 63·3 | 0·698 | 75 | 85 | E by N | 13 | ... | Fine. |
| 17 | 29·918 | 0·109 | 78·3 | 72·7 | 87·0 | 68·4 | 131·8 | 63·5 | 0·730 | 76 | 101 | East | 30 | .. | Fine with passing clouds. |
| 18 | 29·932 | 0·111 | 77·8 | 71·9 | 88·0 | 68·8 | 132·3 | 62·5 | 0·703 | 74 | 96 | E by N | 13 | ... | Fine. |
| 19 | 29·949 | 0·123 | 77·8 | 71·4 | 88·2 | 69·3 | 133·8 | 63·7 | 0·687 | 72 | 97 | East | 23 | ... | Fine with passing clouds. |
| 20 | 29·964 | 0·124 | 77·9 | 71·1 | 86·1 | 68·8 | 133·2 | 63·4 | 0·672 | 70 | 93 | E N E | 30 | ... | Do. |
| 21 | 29·971 | 0·128 | 77·0 | 69·4 | 86·9 | 68·3 | 137·0 | 62·7 | 0·618 | 67 | 119 | NE by E | 37 | ... | Do. |
| 22 | 29·940 | 0·114 | 77·6 | 69·8 | 87·6 | 68·9 | 134·3 | 63·5 | 0·625 | 66 | 119 | NE by E | 27 | ... | Do. |
| 23 | 29·912 | 0·117 | 75·7 | 67·6 | 86·0 | 66·7 | 134·7 | 60·9 | 0·569 | 64 | 110 | NE by E | 27 | ... | Do. |
| 24 | 29·923 | 0·102 | 75·1 | 67·7 | 87·2 | 64·7 | 134·4 | 59·5 | 0·579 | 66 | 125 | NE by E | 30 | ... | Do. |
| 25 | 29·959 | 0·114 | 76·3 | 68·7 | 86·3 | 65·4 | 138·8 | 59·5 | 0·601 | 67 | 122 | E N E | 20 | ... | Fine. |
| 26 | 29·971 | 0·122 | 77·4 | 71·8 | 88·1 | 68·0 | 139·2 | 62·5 | 0·706 | 75 | 138 | NE by E | 50 | ... | Passing clouds. |
| 27 | 29·927 | 0·162 | 77·0 | 71·5 | 89·0 | 69·1 | 140·2 | 63·8 | 0·699 | 75 | 127 | N E | 60 | ... | Hazy. |
| 28 | 29·914 | 0·126 | 76·1 | 69·0 | 86·6 | 67·3 | 133·8 | 61·3 | 0·615 | 69 | 87 | NE by E | 27 | ... | Fine with light clouds. |
|  |  |  |  |  | ... |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | ... |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | ... |  |  |  |  |  |  |  |  |  |  |
| Mean | 29·959 | 0·122 | 76·5 | 69·4 | 86·0 | 68·0 | 134·3 | 62·4 | 0·628 | 69 | 123 | NE by E | 34 | Nil. |  |

# Madras Meteorological Observations. 1875—March.

| March 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | | | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | | | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·912 | 0·103 | 75·8 | 70·1 | 88·6 | 65·2 | 136·3 | 59·7 | | | 0·661 | 74 | 117 | E N E | 12 | ... | Fine. |
| 2 | 29·936 | 0·090 | 76·3 | 71·4 | 86·5 | 67·6 | 133·4 | 61·5 | | | 0·704 | 77 | 117 | E N E | 10 | ... | Do. |
| 3 | 29·943 | 0·138 | 76·8 | 71·0 | 87·5 | 67·4 | 134·8 | 61·8 | | | 0·682 | 74 | 131 | E N E | 20 | ... | Fine with light clouds. |
| 4 | 29·951 | 0·127 | 77·6 | 71·6 | 86·9 | 67·7 | 132·8 | 62·7 | | | 0·695 | 74 | 120 | NE by E | 13 | ... | Fine. |
| 5 | 30·005 | 0·113 | 78·0 | 72·1 | 87·0 | 68·8 | 133·5 | 64·7 | | | 0·709 | 74 | 125 | E N E | 27 | ... | Fine with passing clouds. |
| 6 | 30·008 | 0·138 | 78·9 | 73·3 | 88·9 | 69·8 | 136·8 | 65·9 | | | 0·746 | 76 | 141 | E N E | 23 | ... | Do. |
| 7 | 29·967 | 0·157 | 79·6 | 72·7 | 90·0 | 70·8 | 135·5 | 66·3 | | | 0·712 | 70 | 125 | East | 23 | ... | Do. |
| 8 | 29·913 | 0·169 | 79·6 | 73·4 | 90·3 | 69·6 | 136·9 | 64·7 | | | 0·741 | 73 | 187 | SE by S | 20 | ... | Fine. |
| 9 | 29·894 | 0·135 | 81·2 | 74·7 | 92·1 | 74·4 | 137·3 | 71·7 | | | 0·773 | 73 | 217 | S S E | 17 | ... | Do. |
| 10 | 29·874 | 0·136 | 81·0 | 74·6 | 91·6 | 74·6 | 137·4 | 72·5 | | | 0·771 | 73 | 219 | S S E | 13 | ... | Do. |
| 11 | 29·845 | 0·168 | 82·9 | 75·4 | 96·7 | 76·4 | 141·2 | 74·4 | | | 0·780 | 69 | 226 | S by E | 5 | ... | Clear. |
| 12 | 29·796 | 0·166 | 82·5 | 76·8 | 94·3 | 75·6 | 139·5 | 73·5 | | | 0·844 | 77 | 218 | S S E | 5 | ... | Fine. |
| 13 | 29·799 | 0·143 | 82·7 | 77·5 | 90·7 | 75·8 | 134·1 | 72·7 | | | 0·875 | 78 | 224 | SE by S | 13 | ... | Do. |
| 14 | 29·855 | 0·128 | 82·5 | 76·9 | 90·1 | 76·7 | 134·1 | 74·7 | | | 0·851 | 77 | 216 | SE by S | 20 | ... | Fine with light clouds. |
| 15 | 29·849 | 0·147 | 81·2 | 75·5 | 93·2 | 74·5 | 137·8 | 70·6 | | | 0·808 | 76 | 208 | S S E | 23 | ... | Do. |
| 16 | 29·844 | 0·127 | 80·6 | 74·5 | 90·5 | 72·7 | 133·8 | 67·8 | | | 0·774 | 74 | 204 | SE by S | 10 | ... | Fine. |
| 17 | 29·864 | 0·113 | 79·8 | 73·8 | 88·5 | 71·9 | 131·8 | 67·0 | | | 0·754 | 74 | 197 | SE by S | 10 | ... | Do. |
| 18 | 29·894 | 0·127 | 78·9 | 72·7 | 87·5 | 70·0 | 132·2 | 65·7 | | | 0·722 | 73 | 171 | S E | 5 | ... | Do. |
| 19 | 29·935 | 0·131 | 78·3 | 71·7 | 87·3 | 70·3 | 133·4 | 65·9 | | | 0·690 | 72 | 154 | S E | 13 | ... | Do. |
| 20 | 29·937 | 0·145 | 80·2 | 73·7 | 88·4 | 71·5 | 132·7 | 66·8 | | | 0·745 | 72 | 170 | S E | 13 | ... | Do. |
| 21 | 29·900 | 0·157 | 80·9 | 75·0 | 89·6 | 73·1 | 134·8 | 68·5 | | | 0·790 | 74 | 139 | SE by S | 23 | ... | Do. |
| 22 | 29·875 | 0·133 | 80·7 | 74·8 | 88·6 | 72·4 | 133·8 | 67·5 | | | 0·782 | 74 | 149 | SE by S | 13 | ... | Do. |
| 23 | 29·843 | 0·125 | 81·3 | 75·5 | 89·7 | 73·0 | 132·2 | 69·0 | | | 0·808 | 76 | 230 | SE by S | 20 | ... | Do. |
| 24 | 29·853 | 0·132 | 81·7 | 76·1 | 89·6 | 74·7 | 133·0 | 70·7 | | | 0·827 | 77 | 225 | SE by S | 30 | ... | Fine with passing clouds. |
| 25 | 29·883 | 0·237 | 76·5 | 73·2 | 87·1 | 68·9 | 125·6 | 68·7 | | | 0·775 | 85 | 131 | E by N | 77 | 1·18 | Cloudy: thunderstorm. |
| 26 | 29·833 | 0·149 | 81·2 | 76·3 | 87·4 | 75·5 | 133·0 | 73·7 | | | 0·841 | 78 | 185 | S E | 63 | ... | Cloudy. |
| 27 | 29·859 | 0·137 | 80·9 | 75·4 | 87·7 | 74·8 | 129·3 | 71·7 | | | 0·807 | 76 | 192 | S E | 50 | ... | Light clouds. |
| 28 | 29·883 | 0·128 | 81·7 | 75·9 | 89·1 | 74·9 | 137·6 | 72·9 | | | 0·818 | 77 | 155 | S E | 60 | ... | Hazy. |
| 29 | 29·895 | 0·131 | 82·0 | 76·0 | 91·1 | 76·1 | 136·8 | 73·7 | | | 0·818 | 75 | 128 | S E | 73 | ... | Cloudy. |
| 30 | 29·872 | 0·152 | 82·6 | 76·6 | 89·5 | 74·9 | 134·2 | 72·6 | | | 0·836 | 75 | 156 | S E | 57 | ... | Hazy. |
| 31 | 29·841 | 0·139 | 83·8 | 76·1 | 93·3 | 78·5 | 136·2 | 76·9 | | | 0·798 | 69 | 194 | SE by S | 60 | ... | Do. |
| Mean | 29·889 | 0·139 | 80·2 | 74·3 | 89·7 | 72·5 | 134·6 | 68·9 | | | 0·772 | 75 | 173 | SE by E | 26 | 1·18 | |

## Madras Meteorological Observations. 1875—April.

| April 1875 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction. | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·850 | 0·129 | 81·2 | 77·4 | 86·1 | 77·2 | 106·3 | 75·0 | 0·890 | 84 | 123 | SE by S | 83 | 0·76 | Cloudy : rain. |
| 2 | 29·839 | 0·143 | 82·9 | 77·2 | 88·6 | 76·6 | 131·6 | 74·8 | 0·858 | 76 | 202 | SE by S | 63 | ... | Cloudy : lg : N. W. |
| 3 | 29·871 | 0·118 | 83·4 | 77·6 | 88·8 | 78·5 | 133·1 | 76·3 | 0·870 | 76 | 196 | SE by S | 40 | ... | Fine with passing clouds : lg. N. W. |
| 4 | 29·881 | 0·120 | 82·6 | 77·4 | 89·0 | 77·5 | 137·5 | 74·9 | 0·871 | 78 | 160 | SE by E | 47 | ... | Passing clouds. |
| 5 | 29·856 | 0·145 | 82·9 | 76·9 | 90·2 | 76·9 | 133·9 | 74·7 | 0·845 | 75 | 154 | SE by E | 27 | ... | Fine. |
| 6 | 29·842 | 0·111 | 82·0 | 76·0 | 88·7 | 75·1 | 130·2 | 72·6 | 0·818 | 75 | 146 | S E | 20 | ... | Do. |
| 7 | 29·824 | 0·101 | 82·1 | 76·4 | 91·3 | 74·3 | 134·0 | 70·9 | 0·834 | 76 | 163 | S E | 27 | ... | Do. |
| 8 | 29·800 | 0·138 | 82·7 | 76·4 | 91·2 | 76·9 | 133·0 | 73·9 | 0·826 | 74 | 156 | S E | 37 | ... | Fine with light clouds. |
| 9 | 29·809 | 0·146 | 82·9 | 76·6 | 92·7 | 75·9 | 134·2 | 72·7 | 0·832 | 74 | 200 | SE by S | 27 | ... | Fine. |
| 10 | 29·806 | 0·131 | 82·9 | 77·8 | 90·7 | 75·7 | 132·9 | 72·5 | 0·886 | 79 | 197 | SE by S | 17 | ... | Do. |
| 11 | 29·813 | 0·129 | 82·7 | 77·4 | 90·4 | 76·3 | 133·6 | 72·7 | 0·870 | 78 | 180 | SE by S | 23 | ... | Fine with light clouds. |
| 12 | 29·815 | 0·142 | 82·3 | 76·3 | 90·5 | 74·1 | 133·6 | 70·7 | 0·827 | 75 | 187 | SE by S | 13 | ... | Fine. |
| 13 | 29·802 | 0·131 | 83·4 | 77·3 | 90·7 | 76·3 | 132·5 | 72·8 | 0·856 | 75 | 218 | SE by S | 17 | ... | Fine with light clouds. |
| 14 | 29·823 | 0·126 | 82·0 | 76·7 | 90·1 | 74·1 | 132·6 | 71·8 | 0·849 | 78 | 198 | SE by S | 20 | ... | Do. |
| 15 | 29·842 | 0·120 | 82·2 | 76·7 | 90·0 | 75·2 | 133·9 | 72·3 | 0·846 | 77 | 200 | SE by S | 13 | ... | Fine. |
| 16 | 29·829 | 0·118 | 84·0 | 77·1 | 92·1 | 75·5 | 137·7 | 71·5 | 0·838 | 72 | 159 | SE by S | 37 | ... | Passing clouds. |
| 17 | 29·777 | 0·170 | 83·7 | 76·4 | 92·6 | 76·7 | 138·5 | 72·7 | 0·812 | 70 | 162 | S E | 23 | ... | Fine with passing clouds. |
| 18 | 29·760 | 0·146 | 83·5 | 75·2 | 95·6 | 74·6 | 138·1 | 71·5 | 0·764 | 66 | 159 | SE by S | 20 | ... | Fine. |
| 19 | 29·818 | 0·082 | 83·2 | 78·2 | 92·4 | 76·0 | 132·1 | 73·5 | 0·899 | 79 | 97 | E S E | 77 | ... | Cloudy. |
| 20 | 29·797 | 0·140 | 85·0 | 78·8 | 92·7 | 78·2 | 139·7 | 76·5 | 0·901 | 75 | 129 | E by N | 67 | ... | Passing clouds. |
| 21 | 29·753 | 0·134 | 85·2 | 77·7 | 96·4 | 79·5 | 143·9 | 77·3 | 0·850 | 70 | 179 | E N E | 77 | ... | Cloudy. |
| 22 | 29·732 | 0·121 | 84·3 | 75·7 | 95·4 | 75·8 | 147·5 | 75·5 | 0·776 | 67 | 197 | N by E | 53 | ... | Do. |
| 23 | 29·725 | 0·134 | 85·1 | 77·2 | 94·0 | 77·8 | 136·6 | 75·5 | 0·828 | 68 | 161 | N E | 37 | ... | Fine with passing clouds : lg. W. |
| 24 | 29·691 | 0·161 | 87·1 | 79·1 | 95·9 | 81·0 | 143·1 | 78·5 | 0·887 | 69 | 250 | S S E | 23 | ... | Fine with passing clouds. |
| 25 | 29·666 | 0·143 | 88·8 | 77·8 | 104·3 | 81·8 | 144·9 | 80·5 | 0·804 | 59 | 309 | South | 13 | ... | Fine. |
| 26 | 29·668 | 0·161 | 89·0 | 77·2 | 108·9 | 82·3 | 144·9 | 80·7 | 0·776 | 55 | 288 | South | 15 | ... | Fine : lg. S. W. |
| 27 | 29·656 | 0·128 | 89·5 | 75·7 | 106·4 | 82·8 | 145·4 | 81·7 | 0·704 | 50 | 309 | S S W | 17 | ... | Do. : do. |
| 28 | 29·680 | 0·138 | 88·7 | 76·3 | 103·3 | 80·8 | 144·5 | 79·2 | 0·740 | 54 | 289 | South | 33 | ... | Fine with passing clouds. |
| 29 | 29·728 | 0·120 | 88·1 | 78·3 | 100·0 | 81·6 | 141·1 | 80·4 | 0·838 | 62 | 311 | S by E | 30 | ... | Do. |
| 30 | 29·768 | 0·147 | 87·1 | 78·8 | 94·3 | 81·8 | 134·9 | 80·5 | 0·873 | 68 | 335 | S S E | 13 | ... | Fine. |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·784 | 0·132 | 84·4 | 77·1 | 93·8 | 77·6 | 136·2 | 75·1 | 0·836 | 71 | 200 | SE by S | 34 | 0·76 | |

# Madras Meteorological Observations. 1875—May.

| May 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·750 | 0·179 | 87·6 | 78·6 | 102·9 | 81·7 | 142·9 | 80·7 | 0·857 | 66 | 293 | South | 17 | ... | Fine. |
| 2 | 29·746 | 0·137 | 87·9 | 77·7 | 99·0 | 81·7 | 141·2 | 79·8 | 0·813 | 62 | 242 | S S E | 13 | ... | Do. |
| 3 | 29·767 | 0·146 | 88·9 | 78·5 | 101·4 | 81·4 | 143·9 | 80·3 | 0·835 | 61 | 216 | S by E | 43 | ... | Fine day : cloudy night : lg. |
| 4 | 29·745 | 0·134 | 88·9 | 76·2 | 103·2 | 81·8 | 145·8 | 80·6 | 0·733 | 54 | 221 | S by W | 47 | ... | Passing clouds : th. : lg. S. and W. |
| 5 | 29·688 | 0·163 | 87·1 | 76·4 | 104·5 | 79·4 | 143·9 | 77·6 | 0·766 | 59 | 232 | South | 30 | ... | Fine with passing clouds : lg. S. |
| 6 | 29·667 | 0·136 | 88·6 | 76·2 | 105·7 | 79·8 | 147·2 | 78·6 | 0·737 | 54 | 268 | S by W | 25 | ... | Fine with passing clouds. |
| 7 | 29·699 | 0·128 | 89·2 | 75·4 | 98·3 | 82·7 | 141·9 | 81·8 | 0·694 | 50 | 246 | South | 53 | ... | Passing clouds. |
| 8 | 29·656 | 0·127 | 89·1 | 77·3 | 109·6 | 82·7 | 146·5 | 81·6 | 0·779 | 56 | 264 | S by W | 40 | ... | Fine with light clouds. |
| 9 | 29·628 | 0·140 | 89·9 | 76·8 | 106·5 | 81·8 | 145·6 | 79·8 | 0·746 | 53 | 274 | S by W | 33 | ... | Fine with passing clouds. |
| 10 | 29·634 | 0·116 | 90·3 | 77·4 | 106·3 | 83·7 | 146·2 | 81·9 | 0·766 | 53 | 291 | S by W | 27 | ... | Do. |
| 11 | 29·630 | 0·121 | 89·1 | 77·3 | 105·7 | 81·5 | 145·2 | 79·6 | 0·779 | 56 | 282 | South | 13 | ... | Fine. |
| 12 | 29·704 | 0·093 | 87·0 | 76·0 | 94·4 | 82·2 | 132·9 | 81·6 | 0·750 | 58 | 245 | S by E | 50 | ... | Fine with light clouds. |
| 13 | 29·771 | 0·127 | 84·8 | 79·4 | 90·6 | 81·0 | 130·6 | 80·3 | 0·932 | 77 | 327 | SE by S | 30 | ... | Fine with passing clouds. |
| 14 | 29·866 | 0·125 | 81·5 | 74·5 | 88·9 | 75·2 | 131·2 | 73·6 | 0·761 | 71 | 161 | S by W | 80 | 0·03 | Cloudy. |
| 15 | 29·797 | 0·151 | 84·3 | 75·4 | 94·9 | 77·4 | 135·1 | 75·8 | 0·761 | 63 | 257 | S S E | 33 | ... | Passing clouds. |
| 16 | 29·766 | 0·135 | 85·8 | 75·8 | 101·4 | 80·7 | 140·8 | 79·6 | 0·758 | 61 | 213 | S by E | 53 | ... | Passing clouds : th. |
| 17 | 29·774 | 0·126 | 88·1 | 76·9 | 95·4 | 81·0 | 139·1 | 79·9 | 0·775 | 58 | 211 | SE by S | 30 | ... | Fine with passing clouds. |
| 18 | 29·811 | 0·116 | 85·4 | 78·6 | 92·2 | 80·2 | 132·3 | 78·8 | 0·885 | 73 | 237 | SE by S | 20 | ... | Fine with light clouds. |
| 19 | 29·808 | 0·111 | 84·9 | 77·8 | 92·5 | 79·4 | 132·0 | 77·7 | 0·859 | 72 | 246 | SE by S | 23 | ... | Do. |
| 20 | 29·815 | 0·144 | 84·3 | 77·0 | 93·0 | 76·5 | 133·1 | 73·8 | 0·830 | 71 | 172 | SE by S | 20 | ... | Light clouds. |
| 21 | 29·817 | 0·122 | 85·1 | 77·1 | 92·4 | 79·3 | 135·3 | 76·8 | 0·824 | 68 | 210 | SE by S | 20 | ... | Do. |
| 22 | 29·813 | 0·144 | 86·4 | 77·1 | 93·5 | 80·5 | 135·2 | 78·8 | 0·806 | 64 | 251 | S S E | 17 | ... | Fine. |
| 23 | 29·806 | 0·154 | 87·0 | 77·4 | 95·1 | 81·0 | 136·6 | 79·8 | 0·812 | 63 | 246 | S S E | 13 | ... | Do. |
| 24 | 29·767 | 0·155 | 87·1 | 78·1 | 96·4 | 81·8 | 134·7 | 80·8 | 0·841 | 65 | 290 | S by E | 17 | ... | Do. |
| 25 | 29·730 | 0·156 | 87·6 | 76·9 | 98·9 | 81·6 | 139·5 | 74·8 | 0·781 | 60 | 240 | S S E | 13 | ... | Do. |
| 26 | 29·706 | 0·129 | 88·1 | 79·5 | 100·5 | 82·1 | 139·1 | 81·5 | 0·894 | 67 | 296 | S by E | 20 | ... | Fine with light clouds. |
| 27 | 29·724 | 0·054 | 83·9 | 73·9 | 102·7 | 79·9 | 140·7 | 78·8 | 0·703 | 60 | 184 | SW by S | 63 | 0·04 | Cloudy. |
| 28 | 29·690 | 0·151 | 86·9 | 78·0 | 102·4 | 77·5 | 141·3 | 75·8 | 0·839 | 65 | 223 | S by W | 43 | ... | Fine with passing clouds : lg. S. W. |
| 29 | 29·687 | 0·165 | 84·4 | 76·3 | 98·7 | 80·5 | 131·8 | 79·8 | 0·799 | 68 | 136 | S W | 90 | ... | Cloudy. |
| 30 | 29·687 | 0·135 | 88·6 | 76·7 | 101·6 | 80·6 | 146·6 | 78·8 | 0·759 | 56 | 122 | S S E | 53 | ... | Passing clouds : th. and lg. |
| 31 | 29·697 | 0·115 | 88·5 | 77·4 | 103·1 | 82·6 | 136·9 | 81·8 | 0·791 | 59 | 205 | South | 37 | ... | Fine with passing clouds. |
| Mean | 29·737 | 0·133 | 87·0 | 77·0 | 99·1 | 80·6 | 139·2 | 79·1 | 0·796 | 62 | 236 | S by E | 34 | 0·07 | |

# Madras Meteorological Observations. 1875—June.

| June 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·675 | 0·139 | 88·7 | 77·8 | 106·3 | 82·9 | 144·2 | 81·8 | 0·806 | 59 | 257 | S S W | 60 | 0·12 | Cloudy : th. and lg. |
| 2 | 29·661 | 0·146 | 87·7 | 77·4 | 104·3 | 82·0 | 141·6 | 80·2 | 0·802 | 61 | 191 | S by W | 70 | ... | Cloudy : th. and lg. N. W. |
| 3 | 29·629 | 0·133 | 87·9 | 77·5 | 103·0 | 82·5 | 139·2 | 81·5 | 0·804 | 61 | 257 | S by W | 60 | ... | Passing clouds : th. |
| 4 | 29·609 | 0·113 | 88·8 | 77·0 | 103·1 | 83·0 | 139·2 | 81·8 | 0·770 | 56 | 293 | S by W | 67 | ... | Passing clouds. |
| 5 | 29·611 | 0·089 | 88·1 | 77·2 | 100·8 | 83·2 | 135·8 | 82·6 | 0·787 | 59 | 282 | S by W | 80 | ... | Cloudy. |
| 6 | 29·630 | 0·100 | 87·7 | 77·5 | 98·3 | 84·3 | 135·5 | 83·4 | 0·808 | 61 | 280 | S by E | 60 | ... | Passing clouds. |
| 7 | 29·629 | 0·107 | 86·9 | 79·0 | 98·9 | 82·8 | 134·7 | 82·1 | 0·885 | 69 | 280 | S S E | 57 | ... | Passing clouds : lg. N. W. |
| 8 | 29·689 | 0·076 | 87·6 | 77·6 | 98·6 | 83·0 | 135·8 | 82·0 | 0·813 | 62 | 182 | S S E | 33 | ... | Fine with passing clouds : lg. N. to W. |
| 9 | 29·716 | 0·117 | 88·8 | 76·9 | 98·4 | 82·2 | 135·8 | 81·4 | 0·765 | 56 | 186 | SE by S | 43 | ... | Passing clouds : lg. N. to W. |
| 10 | 29·707 | 0·092 | 87·3 | 78·2 | 96·3 | 82·1 | 132·5 | 80·8 | 0·843 | 65 | 178 | S S E | 47 | ... | Fine with passing clouds : lg. W. |
| 11 | 29·707 | 0·096 | 86·2 | 77·9 | 99·4 | 79·7 | 139·0 | 78·7 | 0·845 | 67 | 147 | S by W | 60 | ... | Passing clouds. |
| 12 | 29·718 | 0·106 | 86·0 | 78·6 | 92·8 | 81·1 | 129·8 | 79·8 | 0·879 | 70 | 171 | SE by S | 63 | ... | Fine with light clouds : lg. W. |
| 13 | 29·743 | 0·104 | 85·9 | 77·5 | 96·5 | 81·0 | 137·6 | 79·9 | 0·831 | 67 | 185 | S by E | 50 | ... | Fine with passing clouds. |
| 14 | 29·721 | 0·148 | 85·0 | 76·8 | 98·3 | 79·6 | 145·0 | 78·2 | 0·812 | 67 | 175 | S by W | 70 | 0·12 | Cloudy. |
| 15 | 29·716 | 0·148 | 87·0 | 76·0 | 96·3 | 81·1 | 134·8 | 78·6 | 0·750 | 58 | 174 | S S W | 80 | ... | Do. |
| 16 | 29·751 | 0·121 | 83·4 | 74·7 | 92·4 | 80·9 | 117·3 | 77·3 | 0·743 | 64 | 223 | S W | 87 | 0·33 | Do. |
| 17 | 29·755 | 0·103 | 81·7 | 73·9 | 89·5 | 74·4 | 117·3 | 73·5 | 0·733 | 68 | 182 | S W | 97 | ... | Overcast. |
| 18 | 29·720 | 0·136 | 86·7 | 75·5 | 97·5 | 78·1 | 130·7 | 76·5 | 0·734 | 58 | 218 | S W | 87 | ... | Cloudy. |
| 19 | 29·717 | 0·130 | 86·9 | 74·9 | 91·7 | 81·6 | 111·0 | 79·9 | 0·706 | 55 | 202 | SW by S | 90 | ... | Do. |
| 20 | 29·692 | 0·144 | 89·0 | 75·2 | 99·9 | 81·2 | 138·7 | 79·5 | 0·689 | 50 | 233 | S W | 70 | ... | Do. |
| 21 | 29·743 | 0·092 | 88·1 | 74·3 | 103·0 | 80·2 | 142·3 | 78·5 | 0·663 | 51 | 261 | W S W | 67 | 0·26 | Passing clouds : rain. |
| 22 | 29·761 | 0·108 | 87·5 | 74·9 | 98·1 | 77·8 | 131·2 | 76·6 | 0·698 | 54 | 243 | W by S | 63 | ... | Passing clouds. |
| 23 | 29·749 | 0·124 | 90·3 | 72·5 | 102·5 | 81·1 | 137·2 | 78·8 | 0·560 | 39 | 292 | W by S | 77 | ... | Cloudy. |
| 24 | 29·738 | 0·138 | 89·1 | 73·3 | 103·0 | 79·5 | 135·2 | 77·3 | 0·608 | 44 | 253 | SW by W | 47 | ... | Light clouds. |
| 25 | 29·712 | 0·162 | 89·1 | 74·0 | 102·0 | 80·3 | 137·5 | 78·6 | 0·638 | 47 | 248 | SW by S | 57 | ... | Light passing clouds : lg. N. W. |
| 26 | 29·672 | 0·145 | 89·5 | 74·9 | 102·6 | 81·1 | 141·2 | 78·6 | 0·670 | 48 | 301 | SW by S | 53 | ... | Passing clouds : lg. N. to W. |
| 27 | 29·662 | 0·147 | 86·0 | 76·3 | 103·1 | 80·8 | 143·0 | 79·5 | 0·777 | 62 | 222 | SW by S | 53 | 0·03 | Passing clouds. |
| 28 | 29·708 | 0·099 | 88·7 | 74·6 | 97·6 | 82·8 | 124·7 | 80·4 | 0·668 | 50 | 244 | SW by W | 87 | ... | Do. |
| 29 | 29·720 | 0·142 | 89·6 | 73·8 | 100·7 | 82·5 | 133·1 | 81·3 | 0·622 | 44 | 259 | W by S | 87 | ... | Do. |
| 30 | 29·702 | 0·143 | 87·6 | 74·8 | 102·7 | 81·9 | 141·6 | 80·5 | 0·691 | 53 | 274 | S W | 53 | ... | Light passing clouds. |
| Mean | 29·699 | 0·122 | 87·4 | 76·0 | 99·3 | 81·2 | 134·7 | 79·7 | 0·747 | 58 | 230 | S S W | 66 | 0·86 | |

# Madras Meteorological Observations. 1875—July.

| July 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·668 | 0·133 | 87·5 | 75·4 | 104·2 | 82·1 | 140·6 | 80·6 | 0·718 | 55 | 241 | SW by S | 43 | ... | Fine with light clouds. |
| 2 | 29·663 | 0·114 | 87·4 | 76·6 | 101·5 | 82·8 | 147·8 | 81·6 | 0·771 | 59 | 231 | SW by S | 57 | ... | Passing clouds. |
| 3 | 29·696 | 0·113 | 89·7 | 76·4 | 101·3 | 83·6 | 140·0 | 82·0 | 0·731 | 52 | 285 | S W | 67 | ... | Do. |
| 4 | 29·685 | 0·128 | 87·6 | 76·3 | 105·7 | 80·9 | 147·4 | 80·0 | 0·755 | 57 | 256 | S S W | 53 | ... | Do. |
| 5 | 29·678 | 0·112 | 86·6 | 74·9 | 103·1 | 82·3 | 142·7 | 81·1 | 0·708 | 56 | 287 | S W | 53 | 0·11 | Do. |
| 6 | 29·708 | 0·119 | 85·8 | 75·2 | 100·6 | 78·8 | 137·2 | 76·4 | 0·733 | 59 | 229 | SW by S | 63 | .. | Do. |
| 7 | 29·758 | 0·109 | 85·1 | 74·5 | 98·7 | 78·2 | 136·5 | 75·8 | 0·713 | 59 | 196 | SW by S | 63 | ... | Do. |
| 8 | 29·761 | 0·127 | 83·5 | 74·6 | 92·9 | 80·6 | 125·7 | 79·5 | 0·738 | 64 | 124 | W N W | 93 | 0·01 | Cloudy. |
| 9 | 29·720 | 0·094 | 80·3 | 75·2 | 85·4 | 75·8 | 97·8 | 74·3 | 0·814 | 78 | 147 | S W | 97 | 0·44 | Overcast: rain. |
| 10 | 29·733 | 0·101 | 84·1 | 75·9 | 96·8 | 77·6 | 135·4 | 75·9 | 0·785 | 67 | 191 | SWby S | 87 | 0·03 | Cloudy. |
| 11 | 29·771 | 0·130 | 83·1 | 76·7 | 97·8 | 77·0 | 134·0 | 75·2 | 0·833 | 73 | 190 | S S W | 67 | ... | Passing clouds. |
| 12 | 29·739 | 0·137 | 84·9 | 76·2 | 99·9 | 78·9 | 135·9 | 77·7 | 0·787 | 65 | 242 | S S W | 60 | ... | Light passing clouds. |
| 13 | 29·740 | 0·110 | 85·0 | 75·4 | 97·8 | 80·4 | 130·4 | 79·4 | 0·752 | 62 | 195 | S S W | 80 | 0·08 | Cloudy. |
| 14 | 29·758 | 0·127 | 88·1 | 73·9 | 95·2 | 80·8 | 119·8 | 80·3 | 0·647 | 49 | 215 | W by S | 95 | 0·08 | Do. |
| 15 | 29·727 | 0·134 | 85·2 | 73·7 | 99·3 | 78·9 | 130·0 | 75·7 | 0·678 | 56 | 211 | W S W | 87 | 0·01 | Do. |
| 16 | 29·667 | 0·160 | 89·7 | 72·4 | 102·3 | 80·7 | 140·7 | 79·7 | 0·564 | 40 | 355 | W by S | 53 | ... | Passing clouds. |
| 17 | 29·643 | 0·151 | 89·6 | 72·9 | 102·1 | 79·8 | 144·7 | 77·1 | 0·584 | 42 | 283 | W S W | 60 | ... | Do. |
| 18 | 29·658 | 0·163 | 90·6 | 74·0 | 103·6 | 83·5 | 143·1 | 81·1 | 0·617 | 43 | 295 | West | 63 | 0·01 | Do. |
| 19 | 29·720 | 0·071 | 86·8 | 73·5 | 96·1 | 83·9 | 126·5 | 83·2 | 0·647 | 51 | 285 | W by S | 97 | 0·02 | Overcast. |
| 20 | 29·681 | 0·134 | 85·9 | 73·3 | 94·7 | 78·0 | 118·6 | 75·8 | 0·652 | 54 | 304 | W S W | 98 | ... | Do. |
| 21 | 29·662 | 0·123 | 87·8 | 73·8 | 100·1 | 81·8 | 135·9 | 80·7 | 0·646 | 49 | 329 | W S W | 90 | ... | Cloudy. |
| 22 | 29·670 | 0·128 | 90·0 | 73·4 | 101·3 | 82·4 | 142·8 | 81·7 | 0·601 | 43 | 341 | W S W | 85 | ... | Do. |
| 23 | 29·660 | 0·153 | 90·3 | 73·9 | 100·5 | 82·4 | 128·1 | 81·5 | 0·616 | 43 | 278 | W by S | 80 | ... | Do. |
| 24 | 29·682 | 0·116 | 88·6 | 73·0 | 96·4 | 82·7 | 128·7 | 81·2 | 0·603 | 45 | 297 | W by S | 85 | ... | Do. |
| 25 | 29·686 | 0·134 | 88·0 | 73·6 | 100·1 | 82·9 | 127·9 | 82·1 | 0·636 | 47 | 315 | W S W | 73 | ... | Passing clouds. |
| 26 | 29·695 | 0·125 | 89·2 | 73·8 | 102·6 | 81·0 | 145·0 | 79·7 | 0·626 | 47 | 283 | W S W | 73 | ... | Do. |
| 27 | 29·757 | 0·087 | 85·5 | 74·9 | 103·7 | 80·7 | 151·3 | 78·7 | 0·723 | 59 | 219 | SW by S | 53 | 0·03 | Do. |
| 28 | 29·796 | 0·113 | 83·6 | 76·8 | 98·5 | 77·7 | 141·6 | 75·3 | 0·831 | 72 | 131 | South | 83 | 0·02 | Cloudy: lg. S. |
| 29 | 29·801 | 0·113 | 81·8 | 75·5 | 87·5 | 78·8 | 106·3 | 78·1 | 0·800 | 74 | 81 | S by E | 93 | ... | Cloudy. |
| 30 | 29·741 | 0·122 | 85·2 | 77·1 | 99·5 | 79·2 | 143·1 | 77·5 | 0·823 | 68 | 151 | South | 60 | ... | Passing clouds: lg. S. W. |
| 31 | 29·751 | 0·120 | 82·7 | 75·9 | 102·3 | 75·3 | 141·9 | 73·7 | 0·804 | 74 | 195 | S S W | 67 | 0·92 | Passing clouds: thunderstorm. |
| Mean | 29·712 | 0·123 | 86·4 | 74·8 | 99·1 | 80·3 | 134·4 | 78·8 | 0·708 | 57 | 238 | S W | 73 | 1·76 | |

## Madras Meteorological Observations. 1875—August.

| August 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·820 | 0·091 | 81·3 | 76·2 | 91·6 | 72·8 | 128·0 | 70·7 | 0·836 | 78 | 184 | S by W | 53 | 0·53 | Passing clouds. |
| 2 | 29·843 | 0·109 | 81·7 | 75·8 | 88·2 | 74·8 | 129·9 | 73·2 | 0·813 | 75 | 148 | S by E | 47 | ... | Light passing clouds : lg. S. W. |
| 3 | 29·805 | 0·124 | 82·5 | 76·4 | 93·0 | 77·2 | 125·3 | 76·7 | 0·829 | 75 | 146 | S by E | 83 | ... | Cloudy : lg. N. W. |
| 4 | 29·790 | 0·131 | 79·1 | 74·7 | 93·6 | 73·6 | 131·8 | 71·8 | 0·801 | 80 | 156 | S W | 87 | 1·23 | Cloudy : rain : th. & lg. E. W. & S. |
| 5 | 29·764 | 0·137 | 83·4 | 75·4 | 93·7 | 74·7 | 131·4 | 72·8 | 0·773 | 67 | 176 | SW by S | 50 | ... | Light passing clouds : lg. S.W. & N.W. |
| 6 | 29·774 | 0·112 | 81·1 | 75·3 | 92·6 | 75·8 | 135·9 | 74·3 | 0·800 | 75 | 175 | W S W | 87 | 0·07 | Cloudy : lg. S. |
| 7 | 29·750 | 0·121 | 81·4 | 74·9 | 94·5 | 76·5 | 133·9 | 73·8 | 0·777 | 73 | 161 | SW by S | 90 | 0·08 | Cloudy : lg. S. W. |
| 8 | 29·696 | 0·145 | 83·8 | 75·7 | 92·4 | 77·7 | 127·2 | 76·5 | 0·781 | 68 | 117 | SW by S | 87 | ... | Cloudy : th. and lg. S. W. |
| 9 | 29·698 | 0·116 | 85·1 | 75·7 | 94·2 | 78·0 | 136·7 | 76·3 | 0·763 | 61 | 155 | SW by S | 70 | ... | Cloudy. |
| 10 | 29·735 | 0·141 | 84·1 | 77·3 | 99·2 | 78·2 | 136·9 | 76·6 | 0·846 | 72 | 152 | S by W | 50 | ... | Passing clouds : lg. S. W. |
| 11 | 29·732 | 0·156 | 81·4 | 76·2 | 91·5 | 75·8 | 138·2 | 73·5 | 0·835 | 78 | 232 | SW by S | 80 | 1·52 | Cloudy : rain : lg. |
| 12 | 29·749 | 0·106 | 80·4 | 75·0 | 90·3 | 73·8 | 133·7 | 73·0 | 0·796 | 76 | 237 | SW by S | 87 | 1·53 | Cloudy : rain : lg. S. W. |
| 13 | 29·749 | 0·128 | 83·2 | 76·4 | 94·0 | 76·2 | 135·9 | 74·9 | 0·819 | 72 | 167 | S W | 87 | 0·67 | Do. : do. |
| 14 | 29·725 | 0·147 | 81·7 | 74·9 | 93·4 | 76·0 | 133·6 | 74·9 | 0·774 | 72 | 191 | SW by S | 75 | 0·20 | Cloudy : th. and lg. W. |
| 15 | 29·741 | 0·121 | 82·5 | 75·2 | 95·2 | 75·8 | 133·1 | 73·9 | 0·777 | 70 | 151 | S W | 67 | ... | Cloudy : lg. |
| 16 | 29·738 | 0·123 | 84·4 | 75·3 | 95·0 | 78·1 | 137·5 | 75·9 | 0·756 | 64 | 170 | SW by W | 80 | ... | Cloudy. |
| 17 | 29·722 | 0·140 | 85·1 | 74·9 | 96·1 | 79·0 | 130·3 | 77·5 | 0·729 | 69 | 140 | S W | 57 | ... | Passing clouds. |
| 18 | 29·704 | 0·139 | 84·6 | 76·0 | 94·2 | 78·8 | 139·7 | 76·8 | 0·783 | 66 | 164 | S by W | 27 | ... | Fine with light clouds. |
| 19 | 29·725 | 0·082 | 85·3 | 77·0 | 96·6 | 79·6 | 143·1 | 75·8 | 0·817 | 68 | 178 | South | 52 | ... | Do. |
| 20 | 29·755 | 0·107 | 84·8 | 76·3 | 96·0 | 77·5 | 143·5 | 76·3 | 0·791 | 66 | 185 | South | 40 | ... | Passing clouds. |
| 21 | 29·741 | 0·122 | 85·2 | 77·0 | 98·8 | 79·5 | 142·5 | 77·0 | 0·818 | 67 | 170 | S by W | 37 | ... | Do. |
| 22 | 29·763 | 0·128 | 84·2 | 75·0 | 96·5 | 77·5 | 139·8 | 76·1 | 0·745 | 63 | 211 | S S W | 50 | ... | Do. |
| 23 | 29·754 | 0·113 | 84·8 | 75·8 | 98·3 | 78·7 | 145·0 | 76·9 | 0·771 | 64 | 187 | South | 30 | ... | Fine with light clouds : lg. S. W. |
| 24 | 29·765 | 0·118 | 84·8 | 75·5 | 97·4 | 78·0 | 144·5 | 77·6 | 0·759 | 65 | 181 | S by W | 53 | 0·04 | Passing clouds : lg. S. W. |
| 25 | 29·799 | 0·164 | 79·4 | 73·1 | 87·4 | 74·4 | 126·9 | 72·0 | 0·731 | 73 | 289 | W by S | 87 | 0·43 | Cloudy : rain : lg. S. W. |
| 26 | 29·758 | 0·128 | 84·0 | 74·7 | 92·8 | 77·1 | 132·7 | 75·8 | 0·736 | 63 | 170 | W S W | 80 | ... | Cloudy : lg. W. |
| 27 | 29·722 | 0·115 | 81·5 | 75·3 | 94·9 | 77·6 | 141·3 | 75·3 | 0·795 | 74 | 144 | South | 77 | 0·26 | Cloudy : lg. S. W. and N. |
| 28 | 29·697 | 0·137 | 78·9 | 74·1 | 84·4 | 72·4 | 115·5 | 70·6 | 0·779 | 79 | 139 | SW by W | 95 | 0·39 | Cloudy : rain. |
| 29 | 29·713 | 0·125 | 79·7 | 75·8 | 85·2 | 77·5 | 107·1 | 75·9 | 0·841 | 82 | 86 | W by S | 90 | ... | Cloudy. |
| 30 | 29·746 | 0·119 | 82·6 | 76·0 | 91·4 | 75·0 | 134·8 | 73·5 | 0·810 | 73 | 134 | S S W | 60 | 0·09 | Passing clouds : rain : lg. N. W. |
| 31 | 28·759 | 0·123 | 85·3 | 76·1 | 94·8 | 78·9 | 136·9 | 76·8 | 0·778 | 63 | 116 | SW by S | 67 | ... | Passing clouds : lg. W. by S. |
| Mean | 29·749 | 0·125 | 82·8 | 75·6 | 93·5 | 76·7 | 134·0 | 74·9 | 0·789 | 70 | 168 | SW by S | 67 | 7·04 | |

# Madras Meteorological Observations. 1875—September.

| September 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·724 | 0·131 | 83·9 | 75·8 | 91·8 | 78·5 | 125·0 | 76·7 | 0·784 | 68 | 140 | S S W | 87 | 0·01 | Cloudy. |
| 2 | 29·707 | 0·131 | 85·2 | 76·1 | 92·3 | 80·6 | 141·9 | 75·1 | 0·779 | 64 | 155 | SWbyW | 77 | ... | Do. |
| 3 | 29·696 | 0·105 | 82·2 | 75·0 | 88·8 | 79·5 | 112·6 | 76·2 | 0·772 | 70 | 130 | S W | 100 | 0·03 | Overcast. |
| 4 | 29·717 | 0·127 | 81·1 | 75·4 | 94·2 | 77·6 | 128·7 | 75·4 | 0·805 | 75 | 148 | S S W | 93 | 0·24 | Cloudy : lg. N. |
| 5 | 29·733 | 0·132 | 84·0 | 77·4 | 95·3 | 75·0 | 136·0 | 73·7 | 0·852 | 73 | 185 | S S W | 57 | ... | Passing clouds. |
| 6 | 29·762 | 0·127 | 84·6 | 75·8 | 93·5 | 77·8 | 126·5 | 75·7 | 0·774 | 65 | 179 | S S W | 80 | ... | Cloudy : lg. S. |
| 7 | 29·756 | 0·149 | 85·4 | 76·5 | 96·9 | 77·6 | 140·1 | 76·1 | 0·793 | 65 | 242 | SW by S | 60 | ... | Passing clouds. |
| 8 | 29·764 | 0·149 | 86·8 | 73·2 | 97·2 | 79·7 | 143·1 | 77·5 | 0·636 | 50 | 226 | SWbyW | 83 | ... | Cloudy. |
| 9 | 29·734 | 0·150 | 86·6 | 73·5 | 99·8 | 76·7 | 139·4 | 72·7 | 0·651 | 52 | 250 | SW by S | 67 | ... | Passing clouds. |
| 10 | 29·767 | 0·128 | 83·7 | 74·3 | 98·0 | 78·5 | 142·8 | 75·9 | 0·722 | 62 | 169 | S by W | 73 | 0·07 | Cloudy. |
| 11 | 29·809 | 0·139 | 84·9 | 75·9 | 96·3 | 79·0 | 144·6 | 73·8 | 0·774 | 64 | 152 | South | 40 | ... | Light passing clouds. |
| 12 | 29·796 | 0·155 | 83·0 | 75·5 | 96·1 | 76·7 | 140·8 | 74·5 | 0·783 | 69 | 154 | S by W | 53 | 0·02 | Passing clouds. |
| 13 | 29·796 | 0·159 | 79·5 | 75·7 | 91·8 | 71·2 | 135·0 | 70·2 | 0·839 | 83 | 100 | SWbyW | 90 | 0·70 | Cloudy : rain. |
| 14 | 29·761 | 0·140 | 82·2 | 74·7 | 93·1 | 71·8 | 134·0 | 70·7 | 0·760 | 69 | 144 | S W | 70 | 0·99 | Do. : do. |
| 15 | 29·748 | 0·141 | 83·4 | 74·5 | 93·9 | 76·9 | 132·8 | 74·3 | 0·736 | 64 | 153 | W S W | 73 | 0·02 | Cloudy. |
| 16 | 29·721 | 0·167 | 85·8 | 72·9 | 93·5 | 77·5 | 140·5 | 74·8 | 0·636 | 51 | 159 | W by S | 85 | ... | Do. |
| 17 | 29·702 | 0·151 | 83·6 | 73·8 | 93·8 | 79·4 | 132·2 | 75·8 | 0·703 | 61 | 228 | W S W | 85 | 0·02 | Do. |
| 18 | 29·748 | 0·112 | 83·2 | 74·8 | 93·2 | 76·6 | 139·7 | 75·4 | 0·750 | 65 | 210 | S by W | 73 | ... | Do. |
| 19 | 29·805 | 0·139 | 82·9 | 75·9 | 91·0 | 76·5 | 135·3 | 73·7 | 0·801 | 71 | 139 | S S E | 57 | ... | Passing clouds. |
| 20 | 29·852 | 0·133 | 76·4 | 73·5 | 81·0 | 73·4 | 109·7 | 72·7 | 0·788 | 86 | 90 | West | 93 | 2·25 | Cloudy : rain : th. |
| 21 | 29·851 | 0·136 | 80·9 | 76·5 | 87·8 | 74·2 | 133·8 | 72·3 | 0·854 | 81 | 87 | S S W | 37 | ... | Fine with passing clouds. |
| 22 | 29·875 | 0·152 | 81·8 | 76·6 | 91·3 | 76·4 | 141·2 | 74·0 | 0·847 | 78 | 88 | S by W | 27 | ... | Fine with passing clouds : lg. S. W. |
| 23 | 29·856 | 0·180 | 80·5 | 75·5 | 88·2 | 75·8 | 139·6 | 74·0 | 0·817 | 78 | 89 | SW by S | 60 | ... | Passing clouds : lg. S. W. |
| 24 | 29·806 | 0·166 | 81·4 | 76·3 | 94·5 | 74·8 | 140·9 | 72·8 | 0·839 | 78 | 91 | South | 47 | ... | Passing clouds : lg. N & S. |
| 25 | 29·793 | 0·144 | 81·2 | 76·1 | 93·6 | 75·8 | 142·4 | 74·4 | 0·833 | 78 | 133 | S W | 43 | 0·01 | Passing clouds. |
| 26 | 29·793 | 0·131 | 83·4 | 76·2 | 92·1 | 75·6 | 130·4 | 73·5 | 0·808 | 70 | 93 | W by S | 67 | ... | Passing clouds : lg. N. |
| 27 | 29·822 | 0·161 | 81·1 | 76·5 | 88·6 | 77·8 | 114·5 | 75·4 | 0·852 | 81 | 53 | W by S | 90 | 0·05 | Cloudy : lg. N. |
| 28 | 29·791 | 0·165 | 82·2 | 76·7 | 94·5 | 76·1 | 154·5 | 74·1 | 0·846 | 77 | 78 | SWbyW | 60 | ... | Passing clouds : lg. N. |
| 29 | 29·774 | 0·130 | 81·4 | 75·6 | 92·3 | 76·7 | 158·9 | 75·2 | 0·809 | 76 | 103 | W by N | 78 | 0·13 | Cloudy : lg. N. |
| 30 | 29·769 | 0·120 | 80·5 | 75·8 | 92·6 | 75·8 | 158·1 | 73·8 | 0·829 | 79 | 114 | W S W | 80 | 0·06 | Cloudy. |
| Mean | 29·774 | 0·142 | 82·8 | 75·4 | 92·9 | 76·7 | 136·5 | 74·4 | 0·782 | 70 | 143 | S W | 69 | 4·60 | |

# Madras Meteorological Observations. 1875—October.

| October 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·776 | 0·106 | 81·8 | 75·9 | 90·8 | 76·1 | 155·2 | 74·3 | 0·817 | 75 | 117 | W N W | 73 | ... | Cloudy. |
| 2 | 29·777 | 0·112 | 81·1 | 75·5 | 90·4 | 76·3 | 130·0 | 73·9 | 0·813 | 77 | 75 | W by N | 90 | ... | Do. |
| 3 | 29·793 | 0·101 | 81·9 | 75·3 | 94·4 | 74·9 | 154·6 | 70·9 | 0·790 | 73 | 88 | N N E | 60 | ... | Passing clouds. |
| 4 | 29·825 | 0·106 | 82·4 | 76·0 | 91·6 | 77·4 | 142·0 | 75·1 | 0·812 | 73 | 59 | S S W | 83 | ... | Cloudy. |
| 5 | 29·813 | 0·127 | 79·5 | 75·2 | 91·6 | 75·3 | 150·4 | 72·9 | 0·818 | 81 | 81 | S S W | 80 | 0·66 | Cloudy : th. lg. and rain. |
| 6 | 29·802 | 0·129 | 80·5 | 75·6 | 87·3 | 75·0 | 148·0 | 73·9 | 0·820 | 78 | 63 | SW by W | 82 | 1·05 | Cloudy : lg. N. & W. |
| 7 | 29·838 | 0·132 | 82·2 | 77·0 | 91·9 | 76·3 | 148·6 | 75·1 | 0·859 | 78 | 131 | N W | 47 | .. | Passing clouds : lg. S. W. |
| 8 | 29·819 | 0·141 | 80·7 | 76·5 | 86·4 | 77·7 | 144·0 | 74·9 | 0·857 | 82 | 106 | North | 83 | 0 02 | Cloudy : lg. W. |
| 9 | 29·854 | 0·085 | 76·2 | 73·6 | 81·5 | 75·3 | 140·2 | 74·1 | 0·795 | 88 | 130 | N W by N | 92 | 0·29 | Cloudy : rain. |
| 10 | 29·873 | 0·121 | 76·8 | 74·2 | 85·7 | 73·6 | 149 6 | 71·5 | 0·812 | 88 | 168 | N W by N | 73 | 0·03 | Cloudy. |
| 11 | 29·894 | 0·161 | 77·1 | 73·6 | 83·4 | 74·0 | 136·5 | 68·1 | 0·783 | 84 | 169 | N N W | 80 | 0·58 | Cloudy : rain. |
| 12 | 29·834 | 0·148 | 78·6 | 73·7 | 87·5 | 74·3 | 150·1 | 71·5 | 0·766 | 78 | 147 | N by W | 70 | ... | Cloudy : lg. S. E. |
| 13 | 29·801 | 0·142 | 77·3 | 72·3 | 86·3 | 72·6 | 145·6 | 69·9 | 0·727 | 77 | 122 | N by W | 77 | ... | Cloudy. |
| 14 | 29·845 | 0·092 | 77·0 | 72·8 | 86·4 | 72·9 | 141·1 | 69·1 | 0·752 | 81 | 124 | N by W | 73 | 0·04 | Do. |
| 15 | 29·867 | 0·083 | 77·1 | 73·7 | 82·7 | 74·8 | 136·2 | 72·5 | 0·787 | 84 | 159 | N by W | 93 | 0·01 | Do. |
| 16 | 29·840 | 0·143 | 75·1 | 72·9 | 80·1 | 72·1 | 114·8 | 71·3 | 0·781 | 89 | 98 | North | 95 | 0·70 | Cloudy : rain. |
| 17 | 29·821 | 0·139 | 78·2 | 73·5 | 86·5 | 74·1 | 147·7 | 71·5 | 0·764 | 79 | 92 | N by W | 85 | .. | Cloudy. |
| 18 | 29·825 | 0·123 | 75·5 | 73·2 | 76·6 | 73·4 | 88·4 | 70·7 | 0·788 | 89 | 61 | N by W | 97 | 0·10 | Overcast. |
| 19 | 29·794 | 0·114 | 77·9 | 74·7 | 81·6 | 73·8 | 110·1 | 71·0 | 0·818 | 85 | 102 | N by W | 83 | 0·02 | Cloudy. |
| 20 | 29·759 | 0·134 | 74·9 | 73·4 | 76·4 | 72·6 | 81·3 | 71·8 | 0·804 | 93 | 146 | N by W | 97 | 2·43 | Overcast : rain : th. and lg. |
| 21 | 29·768 | 0·089 | 78·8 | 75·6 | 88·3 | 74·6 | 149·1 | 73·3 | 0·843 | 86 | 101 | N N E | 73 | 0·03 | Cloudy. |
| 22 | 29·775 | 0·131 | 80·5 | 76·7 | 86·5 | 74·8 | 146·1 | 73·2 | 0·869 | 84 | 109 | S S E | 57 | 0·09 | Passing clouds : lg. S. W. |
| 23 | 29·788 | 0·124 | 80·5 | 77·2 | 84·3 | 76·6 | 142·5 | 73·9 | 0·891 | 86 | 142 | S E by S | 47 | 0·27 | Passing clouds : rain. |
| 24 | 29·830 | 0·156 | 81·6 | 77·3 | 86·8 | 76·8 | 144·3 | 73·5 | 0·880 | 82 | 123 | S E | 40 | 0·01 | Fine with passing clouds. |
| 25 | 29·846 | 0·112 | 80·5 | 77·0 | 86·6 | 76·9 | 144·2 | 73·7 | 0·882 | 85 | 76 | SE by E | 43 | ... | Fine with passing clouds : lg. S. W. |
| 26 | 29·859 | 0·158 | 81·6 | 76·5 | 88·8 | 75·8 | 144·5 | 72·1 | 0·846 | 78 | 72 | SE by E | 20 | ... | Do. : do. |
| 27 | 29·891 | 0·154 | 80·8 | 76·3 | 89·7 | 75·6 | 147·9 | 71·6 | 0·847 | 80 | 66 | S E | 15 | | Clear : lg. S. W. |
| 28 | 29·859 | 0·161 | 82·0 | 76·9 | 89·7 | 75·7 | 147·9 | 71·7 | 0·858 | 79 | 61 | S E | 27 | ... | Fine : th. and lg. N. W. |
| 29 | 29·859 | 0·139 | 78·8 | 76·5 | 85·1 | 77·8 | 120·7 | 74·9 | 0·883 | 90 | 43 | North | 57 | 0·14 | Cloudy day : fine night : lg. S. |
| 30 | 29·868 | 0·122 | 81·5 | 77·0 | 88·8 | 74·9 | 149·0 | 71·7 | 0·868 | 81 | 73 | N E by N | 43 | ... | Passing clouds. |
| 31 | 29·893 | 0·106 | 80·0 | 74·4 | 89·2 | 73·9 | 148·8 | 69·7 | 0·777 | 76 | 72 | N E by E | 17 | ... | Fine. |
| Mean | 29·829 | 0·126 | 79·3 | 75·2 | 86·5 | 75·0 | 138·7 | 72·4 | 0·820 | 82 | 102 | N N E | 66 | 6·47 | |

# Madras Meteorological Observations. 1875—November.

| November 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 29·932 | 0·100 | 80·7 | 75·0 | 90·1 | 72·7 | 147·0 | 69·6 | 0·793 | 75 | 86 | N E by E | 23 | ... | Fine with passing clouds. |
| 2 | 29·949 | 0·114 | 82·0 | 75·0 | 90·9 | 74·5 | 144·1 | 71·0 | 0·775 | 71 | 147 | N N E | 17 | ... | Fine. |
| 3 | 29·949 | 0·112 | 78·0 | 69·1 | 86·4 | 72·1 | 146·3 | 67·4 | 0·593 | 61 | 182 | North | 20 | ... | Fine with passing clouds. |
| 4 | 29·941 | 0·116 | 77·7 | 67·7 | 85·9 | 70·7 | 145·9 | 65·6 | 0·545 | 58 | 200 | N by W | 20 | ... | Do. |
| 5 | 29·959 | 0·107 | 76·6 | 70·2 | 87·3 | 68·5 | 145·1 | 62·9 | 0·653 | 71 | 126 | N by E | 30 | ... | Fine with light clouds. |
| 6 | 29·944 | 0·130 | 77·8 | 73·3 | 85·1 | 71·6 | 141·3 | 68·2 | 0·761 | 80 | 153 | North | 60 | ... | Passing clouds. |
| 7 | 29·932 | 0·125 | 79·1 | 75·2 | 89·3 | 73·4 | ... | 70·5 | 0·823 | 82 | 85 | N N E | 40 | ... | Do. |
| 8 | 29·937 | 0·118 | 81·3 | 75·9 | 89·4 | 73·8 | 141·1 | 71·1 | 0·822 | 77 | 84 | E by N | 60 | 0·05 | Do. |
| 9 | 29·963 | 0·133 | 79·7 | 75·3 | 90·5 | 73·8 | 159·1 | 72·2 | 0·819 | 80 | 90 | N E | 63 | ... | Do. |
| 10 | 29·989 | 0·113 | 77·1 | 73·6 | 85·1 | 73·8 | 150·3 | 73·3 | 0·783 | 84 | 78 | N E | 93 | 0·35 | Cloudy: rain. |
| 11 | 29·989 | 0·106 | 79·1 | 72·6 | 87·9 | 70·9 | 149·6 | 68·1 | 0·715 | 72 | 147 | NE by N | 60 | 0·02 | Passing clouds. |
| 12 | 29·987 | 0·116 | 77·4 | 74·2 | 85·5 | 75·4 | 143·7 | 73·4 | 0·804 | 86 | 180 | N E | 77 | 0·27 | Cloudy. |
| 13 | 30·021 | 0·120 | 79·0 | 73·7 | 86·4 | 77·4 | 152·9 | 75·3 | 0·762 | 77 | 258 | N N E | 93 | 2·54 | Cloudy: thunderstorm. |
| 14 | 30·035 | 0·070 | 73·2 | 72·0 | 74·6 | 73·3 | 78·1 | 72·0 | 0·770 | 94 | 112 | N by E | 100 | 3·50 | Overcast: thunderstorm. |
| 15 | 29·994 | 0·088 | 78·7 | 75·0 | 85·7 | 70·5 | 149·2 | 69·9 | 0·820 | 83 | 189 | NE by N | 80 | 0·06 | Cloudy: lg. N. |
| 16 | 30·008 | 0·097 | 79·8 | 73·6 | 86·0 | 74·0 | 151·4 | 72·3 | 0·747 | 72 | 193 | N N E | 50 | ... | Passing clouds. |
| 17 | 30·001 | 0·134 | 78·8 | 74·6 | 86·1 | 75·0 | 116·3 | 72·4 | 0·801 | 81 | 199 | NE by N | 67 | 0·07 | Cloudy. |
| 18 | 29·956 | 0·128 | 79·5 | 74·7 | 85·9 | 76·4 | 151·2 | 73·3 | 0·796 | 79 | 244 | NE by N | 80 | 0·26 | Cloudy: rain. |
| 19 | 29·935 | 0·100 | 78·3 | 73·9 | 84·6 | 73·4 | 149·6 | 72·5 | 0·779 | 80 | 217 | N N E | 60 | 0·32 | Passing clouds: rain. |
| 20 | 29·912 | 0·118 | 78·7 | 73·3 | 86·4 | 73·1 | 151·2 | 71·2 | 0·748 | 76 | 201 | N N E | 67 | 0·74 | Do. : do. |
| 21 | 29·930 | 0·099 | 76·9 | 73·3 | 82·4 | 73·7 | 132·4 | 72·5 | 0·773 | 84 | 195 | NE by N | 87 | 0·50 | Cloudy: rain. |
| 22 | 29·939 | 0·110 | 77·1 | 73·4 | 83·8 | 72·9 | 151·6 | 71·3 | 0·774 | 83 | 140 | N E | 80 | 0·02 | Cloudy. |
| 23 | 29·929 | 0·119 | 76·0 | 72·1 | 83·7 | 71·4 | 153·3 | 70·3 | 0·736 | 82 | 214 | N N E | 90 | 2·47 | Cloudy: rain. |
| 24 | 29·925 | 0·143 | 77·7 | 72·5 | 82·7 | 71·8 | 147·1 | 69·2 | 0·730 | 77 | 222 | N N E | 80 | ... | Cloudy. |
| 25 | 29·945 | 0·118 | 77·5 | 72·7 | 84·6 | 74·9 | 153·3 | 73·5 | 0·741 | 79 | 245 | N N E | 80 | .. | Do. |
| 26 | 29·971 | 0·100 | 78·4 | 73·7 | 84·4 | 72·9 | 144·0 | 71·3 | 0·769 | 79 | 194 | N N E | 67 | 0·01 | Passing clouds. |
| 27 | 30·001 | 0·123 | 79·4 | 74·1 | 85·4 | 73·8 | 149·2 | 73·5 | 0·773 | 77 | 189 | N E | 60 | 0·01 | Do. |
| 28 | 29·971 | 0·149 | 77·9 | 71·1 | 84·8 | 71·5 | 151·5 | 68·2 | 0·672 | 70 | 185 | NE by N | 23 | ... | Fine with passing clouds. |
| 29 | 29·983 | 0·112 | 75·5 | 69·9 | 84·3 | 67·7 | 148·4 | 64·3 | 0·658 | 75 | 121 | N N E | 30 | ... | Do. |
| 30 | 29·974 | 0·109 | 75·3 | 68·8 | 84·7 | 68·0 | 151·5 | 64·6 | 0·599 | 68 | 152 | N N E | 27 | ... | Fine. |
| Mean | 29·963 | 0·114 | 78·1 | 73·0 | 85·7 | 72·8 | 145·7 | 70·4 | 0·744 | 77 | 168 | N N E | 59 | 11·19 | |

# Madras Meteorological Observations. 1875—December.

| December 1875 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·968 | 0·096 | 74·8 | 69·8 | 84·9 | 69·1 | 146·8 | 64·3 | 0·663 | 77 | 138 | N N E | 40 | ... | Fine with passing clouds. |
| 2 | 29·963 | 0·113 | 75·9 | 70·5 | 85·5 | 68·4 | 150·9 | 64·2 | 0·675 | 75 | 147 | NE by N | 57 | ... | Passing clouds. |
| 3 | 29·917 | 0·146 | 77·7 | 72·6 | 86·8 | 71·9 | 149·5 | 69·2 | 0·734 | 78 | 162 | NE by N | 63 | 0·43 | Cloudy : rain. |
| 4 | 29·934 | 0·089 | 75·8 | 73·0 | 81·9 | 74·1 | 115·4 | 73·2 | 0·776 | 87 | 168 | NE by N | 100 | 0·32 | Overcast : rain. |
| 5 | 29·899 | 0·129 | 78·1 | 73·8 | 85·4 | 73·0 | 146·0 | 70·2 | 0·777 | 81 | 81 | NE by E | 60 | 0·50 | Passing clouds : rain. |
| 6 | 29·959 | 0·089 | 74·7 | 71·9 | 78·5 | 72·5 | 136·3 | 71·0 | 0·746 | 87 | 122 | E N E | 97 | 1·14 | Overcast : rain. |
| 7 | 29·971 | 0·109 | 77·0 | 73·2 | 84·8 | 71·8 | 148·2 | 69·1 | 0·768 | 83 | 131 | N E | 85 | 0·01 | Cloudy. |
| 8 | 29·985 | 0·113 | 78·2 | 72·9 | 85·6 | 72·8 | 152·6 | 70·9 | 0·739 | 77 | 213 | N E | 63 | 0·01 | Passing clouds |
| 9 | 29·997 | 0·132 | 79·2 | 72·7 | 84·7 | 76·1 | 147·3 | 73·0 | 0·718 | 72 | 280 | N E | 73 | ... | Cloudy. |
| 10 | 29·972 | 0·141 | 78·8 | 73·0 | 85·6 | 75·5 | 149·4 | 72·1 | 0·735 | 75 | 185 | N E | 63 | ... | Passing clouds. |
| 11 | 29·944 | 0·124 | 77·5 | 72·2 | 83·9 | 73·9 | 147·9 | 71·9 | 0·720 | 76 | 197 | NE by N | 73 | 0·02 | Do. |
| 12 | 29·930 | 0·120 | 75·6 | 71·1 | 84·3 | 71·2 | 147·4 | 68·4 | 0·703 | 79 | 138 | N N E | 37 | ... | Do. |
| 13 | 29·935 | 0·116 | 75·8 | 72·9 | 84·5 | 71·0 | 150·2 | 67·6 | 0·771 | 86 | 112 | NE by N | 70 | 0·24 | Cloudy with rain. |
| 14 | 29·935 | 0·123 | 77·1 | 73·1 | 83·8 | 71·0 | 147·3 | 69·3 | 0·762 | 82 | 172 | N E | 83 | 0·12 | Do. |
| 15 | 29·930 | 0·075 | 77·4 | 73·8 | 84·5 | 73·6 | 147·5 | 70·5 | 0·787 | 84 | 142 | NE by E | 87 | 0·14 | Do. |
| 16 | 29·958 | 0·117 | 76·1 | 72·5 | 83·7 | 71·8 | 150·1 | 69·5 | 0·752 | 84 | 155 | NE by N | 53 | 0·24 | Passing clouds : rain. |
| 17 | 29·989 | 0·108 | 76·1 | 70·3 | 84·3 | 69·9 | 146·7 | 67·0 | 0·665 | 74 | 160 | N N E | 50 | ... | Passing clouds. |
| 18 | 30·034 | 0·098 | 74·9 | 68·0 | 83·4 | 68·8 | 143·5 | 65·0 | 0·593 | 68 | 165 | N N E | 37 | ... | Fine with passing clouds. |
| 19 | 30·029 | 0·111 | 72·8 | 67·0 | 83·6 | 64·8 | 153·0 | 61·0 | 0·585 | 73 | 94 | N N E | 30 | ... | Do. |
| 20 | 30·029 | 0·135 | 73·9 | 67·8 | 82·8 | 67·8 | 145·9 | 63·7 | 0·600 | 72 | 122 | N by E | 20 | ... | Fine. |
| 21 | 30·031 | 0·141 | 73·2 | 66·5 | 82·6 | 63·8 | 146·5 | 59·6 | 0·564 | 69 | 147 | N by E | 20 | ... | Fine with passing clouds. |
| 22 | 30·035 | 0·129 | 71·6 | 66·6 | 82·9 | 64·5 | 144·6 | 60·3 | 0·587 | 76 | 143 | N by E | 13 | ... | Fine. |
| 23 | 30·051 | 0·107 | 72·5 | 66·5 | 83·3 | 62·6 | 151·3 | 58·3 | 0·572 | 72 | 143 | N N E | 20 | ... | Do. |
| 24 | 30·046 | 0·124 | 75·7 | 67·4 | 84·6 | 66·1 | 151·7 | 60·4 | 0·561 | 63 | 253 | N E by N | 40 | ... | Fine with passing clouds. |
| 25 | 30·033 | 0·123 | 74·5 | 68·4 | 84·2 | 72·7 | 148·5 | 69·9 | 0·615 | 72 | 208 | N E by N | 53 | ... | Passing clouds. |
| 26 | 30·032 | 0·117 | 73·8 | 68·0 | 84·1 | 67·2 | 148·1 | 63·5 | 0·609 | 73 | 113 | N N E | 17 | ... | Fine. |
| 27 | 29·997 | 0·138 | 71·5 | 66·3 | 83·6 | 62·0 | 147·1 | 57·3 | 0·578 | 75 | 113 | N N E | 10 | ... | Do. |
| 28 | 30·005 | 0·111 | 73·1 | 67·2 | 83·1 | 64·7 | 144·5 | 60·3 | 0·589 | 72 | 90 | N N E | 13 | ... | Do. |
| 29 | 30·008 | 0·129 | 73·4 | 67·6 | 84·2 | 64·1 | 146·1 | 59·4 | 0·599 | 73 | 147 | N N E | 10 | ... | Fine with passing clouds. |
| 30 | 30·002 | 0·109 | 74·5 | 66·2 | 84·4 | 64·1 | 148·5 | 60·3 | 0·534 | 62 | 193 | NE by N | 27 | ... | Do. |
| 31 | 29·969 | 0·116 | 77·0 | 69·0 | 84·8 | 68·8 | 145·6 | 64·2 | 0·603 | 65 | 165 | NE by N | 17 | 0·01 | Do. |
| Mean | 29·983 | 0·117 | 75·4 | 70·1 | 84·0 | 69·3 | 146·6 | 66·0 | 0·667 | 76 | 155 | NE by N | 48 | 3·18 | |

## Madras Mean Monthly and Annual Meteorological Results in 1875.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·945 | 0·118 | 75·0 | 84·4 | 67·5 | 16·9 | 68·8 | 65·4 | 0·624 | 71 | 134·7 | 62·0 | 121 | 5 | N E by E | 0·01 | 1 | 67 |
| February | 29·959 | 0·122 | 76·5 | 86·0 | 68·0 | 18·0 | 69·4 | 65·7 | 0·628 | 69 | 134·3 | 62·4 | 123 | 5 | N E by E | | | 66 |
| March | 29·889 | 0·139 | 80·2 | 89·7 | 72·5 | 17·2 | 74·3 | 71·0 | 0·772 | 75 | 134·6 | 68·9 | 173 | 11 | S E by E | 1·18 | 1 | 74 |
| April | 29·784 | 0·132 | 84·4 | 93·8 | 77·6 | 16·2 | 77·1 | 74·4 | 0·836 | 71 | 136·2 | 75·1 | 200 | 13 | S E by S | 0·76 | 1 | 66 |
| May | 29·737 | 0·133 | 87·0 | 99·1 | 80·6 | 18·5 | 77·0 | 74·2 | 0·796 | 62 | 139·2 | 79·1 | 236 | 15 | S by E | 0·07 | 2 | 66 |
| June | 29·699 | 0·122 | 87·4 | 99·3 | 81·2 | 18·1 | 76·0 | 73·7 | 0·747 | 58 | 134·7 | 79·7 | 230 | 18 | S S W | 0·86 | 5 | 34 |
| July | 29·712 | 0·123 | 86·4 | 99·1 | 80·3 | 18·8 | 74·8 | 72·3 | 0·708 | 57 | 134·4 | 78·8 | 238 | 20 | S W | 1·76 | 12 | 27 |
| August | 29·749 | 0·125 | 82·8 | 93·5 | 76·7 | 16·8 | 75·6 | 72·7 | 0·789 | 70 | 134·0 | 74·9 | 168 | 19 | S W by S | 7·04 | 13 | 33 |
| September | 29·774 | 0·142 | 82·8 | 92·9 | 76·7 | 16·2 | 75·4 | 72·3 | 0·782 | 70 | 136·5 | 74·4 | 143 | 20 | S W | 4·60 | 14 | 31 |
| October | 29·829 | 0·126 | 79·3 | 86·5 | 75·0 | 11·5 | 75·2 | 73·0 | 0·820 | 82 | 138·7 | 72·4 | 102 | 2 | N N E | 6·47 | 17 | 34 |
| November | 29·963 | 0·114 | 78·1 | 85·7 | 72·8 | 12·9 | 73·0 | 70·3 | 0·744 | 77 | 145·7 | 70·4 | 168 | 2 | N N E | 11·19 | 16 | 41 |
| December | 29·983 | 0·117 | 75·4 | 84·0 | 69·3 | 14·7 | 70·1 | 67·1 | 0·667 | 76 | 146·6 | 66·0 | 155 | 3 | N E by N | 3·18 | 12 | 52 |
| Annual | 29·835 | 0·126 | 81·3 | 91·2 | 74·9 | 16·3 | 73·9 | 71·0 | 0·742 | 71 | 137·5 | 72·0 | 171 | 11 | S E by E | 37·12 | 94 | 49 |

## Madras Extreme Monthly Meteorological Records in 1875.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·106 | 1 | 29·802 | 21 | 0·304 | 87·9 | 20 | 61·4 | 10 | 59·5 | 7 | 49 | 8 | 139·6 | 31 | 54·7 | 14 | 207 | 3 | 43 | 15 | 0·01 | 24 |
| February | 30·104 | 4 | 29·854 | 17 | 0·250 | 89·0 | 27 | 64·0 | 9 | 62·5 | 24 | 50 | 4 | 140·2 | 27 | 57·4 | 9 | 265 | 2 | 60 | 11 | ... | ... |
| March | 30·070 | 6 | 29·723 | 13 | 0·347 | 96·7 | 11 | 65·2 | 1 | 64·1 | 1 | 49 | 11 | 141·2 | 11 | 59·7 | 1 | 230 | 23 | 117 | 1 | 1·18 | 25 |
| April | 29·938 | 4 | 29·588 | 27 | 0·350 | 108·9 | 26 | 74·1 | 14 | 68·5 | 27 | 38 | 27 | 147·5 | 22 | 70·7 | 12 | 335 | 30 | 97 | 19 | 0·76 | 1 |
| May | 29·920 | 14 | 29·550 | 9 | 0·370 | 109·6 | 8 | 75·2 | 14 | 70·9 | 27 | 36 | 7 | 147·2 | 6 | 73·6 | 14 | 327 | 13 | 122 | 30 | 0·04 | 27 |
| June | 29·817 | 16 | 29·550 | 4 | 0·267 | 106·3 | 1 | 74·4 | 17 | 68·7 | 24 | 29 | 24 | 145·0 | 14 | 73·5 | 17 | 301 | 26 | 147 | 11 | 0·33 | 16 |
| July | 29·855 | 29 | 29·562 | 17 | 0·293 | 105·7 | 4 | 75·3 | 31 | 69·6 | 26 | 30 | 17 | 151·3 | 27 | 73·7 | 31 | 355 | 16 | 81 | 29 | 0·92 | 31 |
| August | 29·884 | 25 | 29·621 | 8 | 0·263 | 99·2 | 10 | 72·4 | 28 | 69·3 | 28 | 47 | 16 | 145·0 | 23 | 70·6 | 28 | 289 | 25 | 86 | 29 | 1·53 | 12 |
| September | 29·944 | 23 | 29·615 | 17 | 0·329 | 99·8 | 9 | 71·2 | 13 | 68·7 | 10 | 36 | 9 | 158·9 | 29 | 70·2 | 13 | 250 | 9 | 53 | 27 | 2·25 | 20 |
| October | 29·963 | 11 | 29·701 | 20 | 0·262 | 94·4 | 3 | 72·1 | 16 | 69·4 | 14 | 56 | 1 | 155·2 | 1 | 68·1 | 11 | 169 | 11 | 43 | 29 | 2·43 | 20 |
| November | 30·077 | 13 | 29·862 | 20 | 0·215 | 90·9 | 2 | 67·7 | 29 | 63·4 | 4 | 43 | 4 | 159·1 | 9 | 62·9 | 5 | 258 | 13 | 78 | 10 | 3·50 | 14 |
| December | 30·113 | 24 | 29·844 | 5 | 0·269 | 86·8 | 3 | 62·0 | 27 | 61·3 | 27 | 52 | 30 | 153·0 | 19 | 57·3 | 27 | 280 | 9 | 81 | 5 | 1·14 | 6 |

## Madras Meteorological Observations. 1876—January.

| January 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·944 | 0·112 | 76·0 | 69·2 | 84·0 | 70·1 | 149·2 | 65·9 | 0·624 | 70 | 217 | N E | 50 | ... | Passing clouds. |
| 2 | 29·957 | 0·098 | 77·0 | 71·4 | 84·5 | 70·7 | 151·2 | 68·5 | 0·695 | 75 | 194 | NE by E | 50 | 0·12 | Do. |
| 3 | 29·994 | 0·111 | 77·2 | 71·4 | 83·9 | 71·7 | 142·2 | 69·0 | 0·692 | 74 | 201 | NE by N | 85 | ... | Cloudy. |
| 4 | 29·976 | 0·132 | 75·6 | 70·3 | 84·7 | 69·8 | 148·1 | 66·3 | 0·672 | 76 | 173 | NE by N | 40 | ... | Passing clouds. |
| 5 | 29·954 | 0·123 | 76·1 | 70·7 | 85·3 | 67·6 | 146·6 | 63·4 | 0·680 | 75 | 118 | NE by N | 27 | .. | Fine with passing clouds. |
| 6 | 29·963 | 0·125 | 76·8 | 70·6 | 85·6 | 69·8 | 143·9 | 66·7 | 0·666 | 72 | 177 | N E | 30 | ... | Do. |
| 7 | 29·966 | 0·121 | 75·7 | 70·1 | 84·7 | 67·7 | 150·8 | 64·3 | 0·663 | 75 | 159 | NE by N | 30 | ... | Do. |
| 8 | 29·967 | 0·141 | 75·5 | 68·3 | 84·5 | 65·7 | 148·8 | 61·5 | 0·598 | 67 | 172 | NE by N | 30 | ... | Do. |
| 9 | 29·977 | 0·141 | 75·4 | 67·5 | 84·6 | 66·0 | 150·6 | 62·3 | 0·569 | 64 | 217 | N N E | 27 | ... | Do. |
| 10 | 30·028 | 0·111 | 75·2 | 68·0 | 83·5 | 67·6 | 146·2 | 64·7 | 0·590 | 67 | 186 | NE by N | 47 | ... | Passing clouds. |
| 11 | 30·021 | 0·124 | 77·5 | 68·7 | 85·3 | 73·5 | 150·9 | 69·7 | 0·585 | 62 | 281 | NE by N | 30 | ... | Fine with passing clouds. |
| 12 | 30·005 | 0·119 | 75·7 | 68·9 | 84·6 | 68·0 | 149·9 | 65·1 | 0·617 | 70 | 183 | NE by N | 47 | ... | Passing clouds. |
| 13 | 30·006 | 0·116 | 74·9 | 68·7 | 83·5 | 67·6 | 146·5 | 65·3 | 0·620 | 71 | 157 | NE by N | 33 | ... | Do. |
| 14 | 30·030 | 0·096 | 74·7 | 68·9 | 84·3 | 65·8 | 148·3 | 62·1 | 0·630 | 73 | 155 | NE by N | 50 | ... | Do. |
| 15 | 30·058 | 0·134 | 74·3 | 68·8 | 84·9 | 65·7 | 148·3 | 62·2 | 0·632 | 74 | 141 | NE by N | 30 | | Do. |
| 16 | 30·016 | 0·136 | 72·4 | 65·8 | 83·7 | 63·9 | 147·5 | 60·5 | 0·549 | 69 | 127 | NE by N | 27 | | Fine with passing clouds. |
| 17 | 30·016 | 0·137 | 72·7 | 66·1 | 83·1 | 66·6 | 149·2 | 63·2 | 0·553 | 69 | 81 | N E | 27 | ... | Do. |
| 18 | 30·004 | 0·121 | 70·5 | 65·5 | 81·9 | 62·8 | 136·9 | 59·8 | 0·563 | 76 | 71 | N N E | 50 | | Passing clouds. |
| 19 | 29·995 | 0·118 | 71·7 | 65·0 | 83·6 | 61·0 | 153·7 | 57·1 | 0·529 | 68 | 74 | N E | 40 | | Do. |
| 20 | 29·971 | 0·114 | 73·0 | 65·8 | 85·2 | 64·8 | 152·2 | 62·8 | 0·540 | 66 | 95 | NE by E | 50 | | Do. |
| 21 | 29·968 | 0·138 | 74·3 | 67·7 | 84·7 | 65·0 | 146·9 | 61·0 | 0·591 | 70 | 88 | NE by N | 23 | | Fine. |
| 22 | 29·944 | 0·112 | 73·9 | 67·9 | 84·4 | 63·8 | 145·3 | 60·9 | 0·604 | 72 | 59 | N E | 13 | | Do. |
| 23 | 29·909 | 0·133 | 72·8 | 67·0 | 83·8 | 63·2 | 145·5 | 59·7 | 0·586 | 73 | 72 | NE by E | 20 | | Do. |
| 24 | 29·949 | 0·111 | 72·2 | 67·3 | 83·7 | 62·6 | 148·7 | 59·0 | 0·604 | 76 | 49 | E N E | 30 | | Fine with passing clouds. |
| 25 | 29·948 | 0·118 | 71·8 | 66·5 | 84·5 | 63·7 | 130·1 | 61·8 | 0·582 | 75 | 36 | S E | 67 | | Cloudy. |
| 26 | 29·930 | 0·123 | 72·7 | 64·1 | 90·4 | 60·7 | 150·1 | 56·8 | 0·485 | 60 | 66 | SE by E | 47 | | Passing clouds. |
| 27 | 29·895 | 0·141 | 72·5 | 62·8 | 89·7 | 57·6 | 150·7 | 52·3 | 0·444 | 56 | 96 | N N E | 27 | | Fine. |
| 28 | 29·899 | 0·126 | 73·2 | 63·1 | 88·3 | 57·9 | 152·5 | 53·4 | 0·445 | 55 | 95 | NE by N | 10 | .. | Do. |
| 29 | 29·950 | 0·128 | 71·2 | 65·7 | 82·7 | 60·2 | 145·7 | 56·1 | 0·560 | 73 | 68 | NE by E | 20 | .. | Do. |
| 30 | 29·948 | 0·127 | 72·1 | 66·2 | 85·4 | 61·3 | 147·6 | 57·2 | 0·566 | 71 | 71 | E by S | 7 | . | Do. |
| 31 | 29·942 | 0·160 | 73·3 | 67·5 | 83·8 | 61·8 | 147·0 | 59·0 | 0·597 | 73 | 107 | SE by E | 10 | .. | Do. |
| Mean | 29·972 | 0·124 | 74·1 | 67·6 | 84·7 | 65·3 | 147·5 | 61·9 | 0·591 | 70 | 129 | N E | 35 | 0·12 | |

# Madras Meteorological Observations. 1876—February.

| February 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·950 | 0·129 | 72·7 | 67·6 | 84·4 | 62·6 | 147·1 | 59·0 | 0·609 | 76 | 77 | S E | 7 | ... | Fine. |
| 2 | 29·992 | 0·133 | 72·6 | 65·9 | 84·1 | 62·6 | 145·7 | 58·3 | 0·549 | 68 | 58 | SE by E | 17 | ... | Do. |
| 3 | 29·994 | 0·136 | 71·9 | 65·9 | 83·2 | 62·1 | 145·3 | 58·5 | 0·558 | 71 | 62 | SE by E | 7 | ... | Clear. |
| 4 | 29·990 | 0·141 | 71·9 | 65·6 | 86·3 | 60·6 | 148·5 | 56·7 | 0·548 | 70 | 69 | SE by S | 3 | ... | Do. |
| 5 | 30·005 | 0·120 | 73·9 | 67·5 | 85·7 | 63·0 | 146·3 | 59·5 | 0·589 | 70 | 82 | S E | 0 | ... | Do. |
| 6 | 29·988 | 0·133 | 73·9 | 67·1 | 85·2 | 64·2 | 146·9 | 60·7 | 0·574 | 69 | 82 | E by S | 0 | ... | Do. |
| 7 | 29·989 | 0·126 | 74·5 | 66·0 | 88·1 | 63·7 | 148·5 | 61·0 | 0·527 | 61 | 110 | NE by N | 0 | ... | Do. |
| 8 | 30·042 | 0·111 | 75·6 | 66·7 | 84·8 | 65·6 | 145·8 | 61·8 | 0·536 | 60 | 142 | NE by E | 13 | ... | Fine. |
| 9 | 30·063 | 0·122 | 75·2 | 67·2 | 85·2 | 66·0 | 148·1 | 62·6 | 0·561 | 64 | 127 | N E | 27 | ... | Fine with passing clouds. |
| 10 | 30·014 | 0·104 | 73·8 | 66·6 | 85·2 | 62·6 | 148·3 | 58·8 | 0·557 | 66 | 119 | NE by N | 7 | ... | Fine. |
| 11 | 29·985 | 0·114 | 72·0 | 65·9 | 84·0 | 61·6 | 145·7 | 58·4 | 0·557 | 71 | 76 | N E | 17 | ... | Do. |
| 12 | 30·025 | 0·116 | 74·1 | 67·4 | 86·1 | 61·9 | 147·5 | 58·5 | 0·582 | 69 | 103 | N E | 7 | ... | Do. |
| 13 | 30·017 | 0·130 | 73·4 | 65·4 | 85·1 | 64·0 | 147·0 | 60·8 | 0·520 | 63 | 84 | E N E | 17 | ... | Do. |
| 14 | 29·986 | 0·128 | 71·2 | 63·8 | 84·2 | 58·5 | 146·7 | 54·8 | 0·491 | 64 | 68 | E N E | 30 | ... | Fine with passing clouds. |
| 15 | 29·953 | 0·133 | 71·1 | 64·3 | 83·8 | 59·3 | 142·7 | 55·5 | 0·513 | 67 | 55 | E by S | 13 | ... | Fine. |
| 16 | 29·933 | 0·135 | 71·8 | 65·2 | 83·5 | 59·1 | 145·7 | 54·9 | 0·535 | 69 | 94 | S E | 10 | ... | Do. |
| 17 | 29·875 | 0·135 | 71·8 | 65·5 | 83·2 | 58·6 | 146·2 | 54·4 | 0·546 | 70 | 125 | SE by S | 7 | ... | Do. |
| 18 | 29·870 | 0·145 | 74·0 | 67·1 | 86·6 | 61·4 | 135·4 | 57·4 | 0·572 | 68 | 124 | SE by S | 43 | ... | Fine with passing clouds. |
| 19 | 29·943 | 0·103 | 75·2 | 68·1 | 84·6 | 64·7 | 138·0 | 60·7 | 0·593 | 68 | 93 | E S E | 40 | ... | Do. |
| 20 | 29·997 | 0·129 | 75·9 | 67·5 | 86·5 | 63·7 | 140·0 | 60·3 | 0·562 | 62 | 95 | E N E | 17 | ... | Fine. |
| 21 | 29·938 | 0·133 | 74·7 | 68·0 | 85·8 | 63·6 | 142·0 | 60·1 | 0·596 | 69 | 80 | N E | 13 | ... | Do. |
| 22 | 29·894 | 0·140 | 75·8 | 70·0 | 86·3 | 65·4 | 140·0 | 62·6 | 0·657 | 74 | 79 | East | 10 | ... | Do. |
| 23 | 29·870 | 0·146 | 75·8 | 69·1 | 86·6 | 65·8 | 147·4 | 62·3 | 0·622 | 70 | 67 | S E | 7 | ... | Do. |
| 24 | 29·890 | 0·113 | 77·0 | 68·4 | 92·8 | 64·1 | 147·1 | 60·3 | 0·581 | 62 | 140 | S S E | 2 | ... | Clear. |
| 25 | 29·898 | 0·128 | 77·5 | 71·4 | 88·7 | 68·8 | 142·4 | 66·4 | 0·689 | 73 | 145 | SE by S | 7 | ... | Fine. |
| 26 | 29·961 | 0·100 | 76·7 | 70·6 | 86·4 | 68·6 | 146·5 | 66·2 | 0·668 | 73 | 94 | E S E | 27 | ... | Fine with passing clouds. |
| 27 | 29·948 | 0·125 | 77·3 | 70·6 | 86·9 | 70·7 | 147·7 | 68·2 | 0·661 | 70 | 67 | E S E | 17 | ... | Fine. |
| 28 | 29·920 | 0·130 | 74·9 | 69·2 | 85·5 | 66·5 | 146·4 | 62·9 | 0·638 | 73 | 93 | S E | 17 | ... | Do. |
| 29 | 29·900 | 0·111 | 76·3 | 69·3 | 85·3 | 64·7 | 138·7 | 61·5 | 0·624 | 69 | 136 | S E by S | 7 | ... | Do. |
| Mean | 29·960 | 0·126 | 74·2 | 67·3 | 85·7 | 63·6 | 145·0 | 60·1 | 0·580 | 68 | 95 | E by S | 13 | *Nil.* | |

# Madras Meteorological Observations. 1876—March.

| March 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·882 | 0·143 | 77·6 | 70·0 | 87·5 | 66·0 | 137·9 | 61·9 | 0·633 | 67 | 161 | SE by S | 13 | ... | Fine. |
| 2 | 29·843 | 0·176 | 79·8 | 73·7 | 90·5 | 71·2 | 131·1 | 68·2 | 0·751 | 74 | 166 | SE by S | 27 | ... | Fine with passing clouds. |
| 3 | 29·864 | 0·134 | 80·2 | 72·3 | 87·9 | 72·9 | 138·0 | 69·0 | 0·688 | 66 | 173 | SE by S | 7 | ... | Fine. |
| 4 | 29·890 | 0·129 | 79·7 | 73·6 | 89·3 | 70·9 | 142·3 | 67·8 | 0·748 | 74 | 172 | SE by S | 20 | | Do. |
| 5 | 29·920 | 0·133 | 80·0 | 73·3 | 89·8 | 72·9 | 137·5 | 69·4 | 0·731 | 71 | 139 | SE by S | 13 | | Do. |
| 6 | 29·896 | 0·156 | 79·9 | 72·5 | 87·8 | 70·8 | 142·3 | 67·0 | 0·700 | 68 | 165 | SE by S | 10 | | Do. |
| 7 | 29·859 | 0·160 | 80·5 | 73·9 | 91·0 | 71·7 | 141·3 | 68·0 | 0·749 | 72 | 134 | SE by S | 13 | | Do. |
| 8 | 29·889 | 0·127 | 80·3 | 74·6 | 90·3 | 74·0 | 141·0 | 71·5 | 0·781 | 74 | 165 | S S E | 10 | ... | Do. |
| 9 | 29·937 | 0·125 | 80·3 | 73·9 | 87·8 | 72·1 | 140·9 | 69·3 | 0·751 | 72 | 95 | SE by E | 27 | ... | Fine with passing clouds. |
| 10 | 29·903 | 0·125 | 79·1 | 72·7 | 88·8 | 69·9 | 143·2 | 66·1 | 0·718 | 72 | 92 | E S E | 17 | ... | Fine. |
| 11 | 29·902 | 0·096 | 81·2 | 74·2 | 90·4 | 71·2 | 141·2 | 68·7 | 0·753 | 71 | 126 | East | 17 | | Do. |
| 12 | 29·933 | 0·112 | 82·5 | 76·6 | 90·4 | 77·6 | 145·2 | 76·3 | 0·837 | 75 | 139 | East | 37 | | Fine with passing clouds. |
| 13 | 29·982 | 0·122 | 82·7 | 76·5 | 89·9 | 76·6 | 146·3 | 74·8 | 0·830 | 74 | 115 | E by S | 40 | ... | Passing clouds. |
| 14 | 29·953 | 0·171 | 82·4 | 75·6 | 90·2 | 74·3 | 146·9 | 71·5 | 0·795 | 72 | 128 | S E | 20 | ... | Fine. |
| 15 | 29·873 | 0·148 | 82·5 | 75·7 | 93·5 | 74·8 | 145·9 | 72·4 | 0·796 | 72 | 182 | S S E | 33 | ... | Fine with passing clouds. |
| 16 | 29·856 | 0·129 | 84·2 | 76·8 | 96·4 | 76·9 | 144·9 | 75·1 | 0·823 | 70 | 177 | S S E | 37 | ... | Do. |
| 17 | 29·886 | 0·129 | 83·7 | 77·2 | 90·8 | 77·1 | 143·8 | 75·2 | 0·847 | 73 | 215 | SE by S | 13 | ... | Fine. |
| 18 | 29·901 | 0·133 | 82·4 | 76·7 | 89·8 | 76·9 | 145·0 | 75·0 | 0·843 | 76 | 210 | SE by S | 10 | ... | Do. |
| 19 | 29·885 | 0·125 | 82·5 | 76·4 | 90·0 | 75·8 | 147·6 | 72·9 | 0·829 | 75 | 194 | SE by S | 20 | ... | Fine with light clouds. |
| 20 | 29·932 | 0·112 | 81·3 | 75·1 | 88·9 | 74·6 | 148·6 | 71·1 | 0·789 | 74 | 169 | S E | 23 | ... | Do. |
| 21 | 29·956 | 0·165 | 80·7 | 74·1 | 89·7 | 73·6 | 148·5 | 70·8 | 0·755 | 72 | 132 | S E | 13 | ... | Fine. |
| 22 | 29·880 | 0·148 | 80·9 | 74·5 | 92·5 | 72·3 | 141·5 | 69·6 | 0·769 | 73 | 162 | SE by S | 13 | ... | Do. |
| 23 | 29·820 | 0·157 | 82·2 | 74·7 | 94·6 | 73·8 | 141·7 | 71·6 | 0·760 | 69 | 200 | S S E | 13 | ... | Do. |
| 24 | 29·773 | 0·144 | 82·5 | 76·2 | 94·6 | 74·4 | 139·3 | 71·8 | 0·820 | 74 | 205 | S S E | 17 | ... | Do. |
| 25 | 29·752 | 0·157 | 84·8 | 76·2 | 97·7 | 77·5 | 137·4 | 74·9 | 0·789 | 66 | 233 | S S E | 3 | ... | Clear. |
| 26 | 29·786 | 0·125 | 83·5 | 77·7 | 90·9 | 78·5 | 142·1 | 77·1 | 0·873 | 76 | 241 | S S E | 13 | ... | Fine. |
| 27 | 29·822 | 0·124 | 83·3 | 77·5 | 93·8 | 76·8 | 146·0 | 73·9 | 0·867 | 76 | 219 | S S E | 17 | ... | Do. |
| 28 | 29·826 | 0·130 | 83·2 | 77·0 | 91·3 | 76·8 | 147·0 | 73·9 | 0·845 | 73 | 202 | SE by S | 18 | ... | Do. |
| 29 | 29·835 | 0·135 | 82·6 | 76·0 | 90·8 | 75·7 | 143·7 | 73·1 | 0·810 | 73 | 212 | SE by S | 23 | ... | Do. |
| 30 | 29·823 | 0·148 | 82·0 | 75·4 | 88·8 | 73·9 | 141·7 | 70·9 | 0·793 | 73 | 215 | SE by S | 10 | ... | Do. |
| 31 | 29·786 | 0·129 | 82·6 | 76·3 | 89·2 | 76·8 | 143·9 | 74·3 | 0·823 | 74 | 230 | SE by S | 20 | ... | Do. |
| Mean | 29·872 | 0·137 | 81·6 | 75·1 | 90·8 | 74·1 | 142·7 | 71·4 | 0·784 | 72 | 173 | SE by S | 18 | *Nil.* | |

# Madras Meteorological Observations. 1876—April.

| April 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·777 | 0·142 | 84·5 | 77·7 | 92·7 | 78·4 | 142·9 | 76·1 | 0·859 | 73 | 271 | S S E | 23 | ... | Fine with light clouds. |
| 2 | 29·813 | 0·123 | 84·2 | 77·9 | 90·9 | 78·9 | 129·2 | 77·1 | 0·872 | 74 | 286 | S S E | 23 | ... | Do. |
| 3 | 29·870 | 0·139 | 82·7 | 77·0 | 90·9 | 75·9 | 139·4 | 72·2 | 0·852 | 76 | 161 | SE by S | 23 | ... | Fine with passing clouds. |
| 4 | 29·834 | 0·163 | 82·6 | 76·6 | 90·4 | 75·0 | 144·9 | 71·9 | 0·836 | 75 | 169 | S E | 17 | ... | Fine. |
| 5 | 29·826 | 0·142 | 82·6 | 75·6 | 91·4 | 74·5 | 144·9 | 71·0 | 0·792 | 71 | 203 | SE by S | 20 | ... | Fine with light clouds. |
| 6 | 29·820 | 0·165 | 84·3 | 76·8 | 92·7 | 75·9 | 144·6 | 73·4 | 0·822 | 70 | 197 | S S E | 17 | ... | Fine. |
| 7 | 29·831 | 0·145 | 83·7 | 77·0 | 92·9 | 76·5 | 142·0 | 73·9 | 0·838 | 73 | 208 | S S E | 15 | ... | Do. |
| 8 | 29·835 | 0·177 | 84·2 | 78·0 | 90·3 | 77·5 | 143·1 | 74·4 | 0·876 | 75 | 196 | SE by S | 25 | ... | Fine with light clouds. |
| 9 | 29·802 | 0·158 | 84·6 | 77·1 | 97·0 | 77·7 | 141·3 | 75·1 | 0·831 | 70 | 225 | S S E | 7 | ... | Fine. |
| 10 | 29·750 | 0·150 | 85·2 | 79·0 | 91·7 | 78·9 | 140·1 | 75·9 | 0·908 | 75 | 253 | S S E | 40 | ... | Fine with passing clouds. |
| 11 | 29·691 | 0·146 | 86·3 | 78·7 | 96·7 | 81·0 | 139·3 | 79·7 | 0·880 | 70 | 284 | S S E | 27 | ... | Do. |
| 12 | 29·718 | 0·132 | 85·2 | 79·5 | 94·7 | 81·6 | 138·6 | 80·5 | 0·932 | 77 | 262 | S S E | 30 | ... | Do. |
| 13 | 29·743 | 0·140 | 85·5 | 79·9 | 94·4 | 80·6 | 140·9 | 79·1 | 0·947 | 77 | 265 | S S E | 27 | ... | Fine with light clouds. |
| 14 | 29·730 | 0·133 | 85·8 | 77·8 | 94·3 | 80·0 | 141·1 | 78·4 | 0·846 | 68 | 278 | S S E | 20 | ... | Fine. |
| 15 | 29·745 | 0·139 | 85·7 | 79·4 | 94·8 | 79·5 | 140·9 | 77·5 | 0·920 | 75 | 250 | SS E | 20 | ... | Fine : lg. |
| 16 | 29·773 | 0·166 | 85·8 | 79·5 | 93·6 | 80·1 | 140·5 | 78·8 | 0·924 | 75 | 248 | SE by S | 10 | ... | Fine. |
| 17 | 29·724 | 0·171 | 85·8 | 79·0 | 94·1 | 79·8 | 143·2 | 76·9 | 0·900 | 73 | 253 | SE by S | 10 | ... | Do. |
| 18 | 29·687 | 0·149 | 87·0 | 77·6 | 97·0 | 81·4 | 136·5 | 78·9 | 0·821 | 64 | 274 | S S E | 10 | ... | Do. |
| 19 | 29·753 | 0·102 | 85·6 | 77·8 | 93·8 | 80·1 | 129·7 | 78·6 | 0·849 | 69 | 253 | S S E | 13 | ... | Do. |
| 20 | 29·780 | 0·142 | 83·6 | 77·0 | 91·4 | 75·8 | 143·5 | 72·7 | 0·840 | 73 | 203 | S E | 13 | ... | Do. |
| 21 | 29·766 | 0·146 | 83·3 | 76·5 | 92·2 | 76·3 | 141·9 | 72·8 | 0·822 | 72 | 148 | S E | 30 | ... | Fine with light clouds. |
| 22 | 29·719 | 0·151 | 84·2 | 76·9 | 93·3 | 75·1 | 143·3 | 73·0 | 0·827 | 71 | 196 | S E | 20 | ... | Fine. |
| 23 | 29·721 | 0·135 | 85·9 | 78·9 | 94·1 | 78·9 | 134·6 | 76·8 | 0·895 | 72 | 199 | S E | 17 | ... | Do. |
| 24 | 29·746 | 0·120 | 86·4 | 78·8 | 93·9 | 80·6 | 139·5 | 78·8 | 0·884 | 70 | 200 | SE by S | 10 | ... | Do. |
| 25 | 29·751 | 0·117 | 86·2 | 79·3 | 93·3 | 80·7 | 149·3 | 79·4 | 0·909 | 72 | 220 | SE by S | 27 | ... | Fine with light clouds. |
| 26 | 29·718 | 0·120 | 86·5 | 78·5 | 94·0 | 80·3 | 135·3 | 78·6 | 0·868 | 69 | 227 | SE by S | 33 | ... | Do. |
| 27 | 29·726 | 0·120 | 85·2 | 77·4 | 95·9 | 78·1 | 144·2 | 75·8 | 0·836 | 69 | 179 | SE by S | 20 | ... | Do. |
| 28 | 29·782 | 0·100 | 85·0 | 77·8 | 94·5 | 76·3 | 142·9 | 74·4 | 0·857 | 69 | 128 | E by S | 23 | ... | Do. |
| 29 | 29·802 | 0·107 | 86·2 | 79·1 | 95·5 | 79·7 | 145·0 | 77·9 | 0·900 | 72 | 198 | NE by E | 43 | ... | Fine with light passing clouds : lg. |
| 30 | 29·790 | 0·121 | 81·0 | 77·6 | 90·1 | 76·0 | 141·7 | 74·8 | 0·902 | 85 | 79 | NE by N | 60 | 0·71 | Heavy thunderstorm : light p. cl. |
| Mean | 29·767 | 0·139 | 84·8 | 78·0 | 93·4 | 78·4 | 140·5 | 76·1 | 0·868 | 72 | 217 | SE by S | 22 | 0·71 | |

## Madras Meteorological Observations. 1876—May.

| May 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·761 | 0·141 | 84·6 | 78·4 | 90·4 | 78·9 | 145·6 | 77·8 | 0·888 | 75 | 112 | E S E | 50 | ... | Passing clouds. |
| 2 | 29·736 | 0·120 | 85·5 | 78·0 | 93·4 | 78·1 | 147·2 | 76·4 | 0·859 | 70 | 176 | SE by S | 43 | ... | Do. |
| 3 | 29·739 | 0·113 | 85·6 | 79·1 | 92·2 | 79·6 | 147·8 | 77·7 | 0·907 | 74 | 175 | SE by S | 40 | ... | Do. |
| 4 | 29·704 | 0·098 | 86·7 | 79·7 | 94·4 | 80·5 | 144·9 | 79·1 | 0·921 | 72 | 146 | SE by E | 67 | ... | Cloudy. |
| 5 | 29·636 | 0·122 | 85·3 | 79·0 | 94·5 | 82·9 | 125·3 | 81·9 | 0·907 | 75 | 116 | S S E | 92 | 0·01 | Do. |
| 6 | 29·605 | 0·146 | 79·7 | 74·2 | 83·8 | 77·2 | 97·2 | 74·6 | 0·773 | 76 | 196 | W by S | 100 | 0·43 | Overcast : rain. |
| 7 | 29·643 | 0·102 | 82·3 | 75·0 | 89·8 | 76·9 | 118·0 | 73·4 | 0·771 | 70 | 178 | N W | 97 | 0·01 | Overcast. |
| 8 | 29·656 | 0·119 | 86·0 | 78·0 | 98·4 | 79·7 | 144·9 | 77·7 | 0·852 | 68 | 141 | N N E | 90 | ... | Cloudy. |
| 9 | 29·679 | 0·114 | 87·7 | 78·4 | 100·0 | 81·3 | 145·9 | 80·1 | 0·847 | 64 | 217 | S by E | 43 | ... | Passing clouds. |
| 10 | 29·669 | 0·112 | 88·2 | 79·9 | 101·2 | 80·9 | 146·4 | 79·9 | 0·910 | 68 | 228 | S by E | 37 | ... | Do. |
| 11 | 29·690 | 0·101 | 87·1 | 77·2 | 104·0 | 81·6 | 145·6 | 80·7 | 0·801 | 62 | 245 | S by W | 50 | ... | Do. |
| 12 | 29·690 | 0·133 | 87·3 | 78·8 | 103·0 | 82·1 | 144·2 | 81·7 | 0·871 | 67 | 277 | South | 30 | ... | Fine with passing clouds. |
| 13 | 29·714 | 0·112 | 89·7 | 78·4 | 106·2 | 82·7 | 147·6 | 81·7 | 0·820 | 58 | 294 | S by W | 17 | ... | Fine : lg. W. |
| 14 | 29·726 | 0·142 | 89·5 | 76·9 | 103·4 | 82·4 | 147·0 | 80·7 | 0·756 | 55 | 291 | S by W | 10 | ... | Fine. |
| 15 | 29·686 | 0·116 | 90·9 | 76·9 | 109·1 | 83·1 | 148·2 | 82·1 | 0·737 | 51 | 261 | S by W | 27 | ... | Fine with light clouds. |
| 16 | 29·690 | 0·074 | 90·5 | 74·9 | 108·1 | 82·0 | 145·8 | 80·9 | 0·656 | 46 | 246 | S S W | 30 | ... | Fine with light clouds : lg. W. & N. |
| 17 | 29·737 | 0·096 | 90·0 | 77·0 | 105·2 | 83·0 | 148·9 | 81·6 | 0·753 | 53 | 300 | S S W | 30 | ... | Passing clouds. |
| 18 | 29·766 | 0·136 | 89·2 | 78·5 | 100·5 | 83·6 | 149·9 | 82·4 | 0·831 | 61 | 284 | South | 30 | ... | Fine with passing clouds. |
| 19 | 29·754 | 0·147 | 87·6 | 76·5 | 99·3 | 82·0 | 147·4 | 81·8 | 0·764 | 59 | 260 | South | 53 | ... | Passing clouds. |
| 20 | 29·727 | 0·151 | 88·6 | 78·5 | 104·8 | 82·9 | 150·9 | 82·1 | 0·840 | 63 | 261 | South | 33 | ... | Light passing clouds. |
| 21 | 29·754 | 0·146 | 86·3 | 79·6 | 99·4 | 82·7 | 148·9 | 81·8 | 0·922 | 73 | 278 | S by E | 37 | ... | Light clouds : lg. W. |
| 22 | 29·783 | 0·127 | 88·1 | 77·7 | 98·9 | 82·0 | 147·1 | 81·4 | 0·810 | 61 | 282 | S by E | 17 | ... | Fine. |
| 23 | 29·761 | 0·157 | 87·3 | 77·6 | 98·4 | 81·5 | 148·9 | 80·7 | 0·817 | 63 | 282 | S by E | 17 | ... | Do. |
| 24 | 29·763 | 0·114 | 87·4 | 77·3 | 95·3 | 82·0 | 139·5 | 80·7 | 0·802 | 62 | 264 | South | 53 | ... | Hazy day : fine night. |
| 25 | 29·743 | 0·116 | 88·7 | 77·4 | 106·2 | 82·1 | 150·1 | 81·7 | 0·788 | 59 | 296 | S by W | 10 | ... | Fine. |
| 26 | 29·773 | 0·131 | 85·7 | 75·7 | 101·1 | 80·8 | 147·7 | 81·0 | 0·755 | 61 | 229 | SW by S | 30 | ... | Fine with passing clouds : lg. S. |
| 27 | 29·720 | 0·163 | 89·2 | 75·4 | 107·3 | 81·4 | 152·5 | 80·0 | 0·695 | 50 | 283 | S S W | 7 | ... | Fine. |
| 28 | 29·673 | 0·146 | 90·3 | 76·3 | 108·9 | 82·0 | 150·1 | 81·5 | 0·719 | 49 | 294 | S S W | 20 | ... | Fine with light clouds. |
| 29 | 29·646 | 0·123 | 89·1 | 76·5 | 107·8 | 86·0 | 157·5 | 85·4 | 0·744 | 55 | 283 | SW by S | 50 | ... | Passing clouds. |
| 30 | 29·599 | 0·144 | 89·3 | 77·0 | 109·0 | 83·0 | 147·2 | 82·1 | 0·763 | 55 | 254 | SW by S | 43 | 0·01 | Passing clouds : th. |
| 31 | 29·624 | 0·136 | 89·1 | 76·8 | 104·2 | 82·0 | 147·6 | 79·7 | 0·757 | 55 | 229 | S by W | 57 | 0·73 | Cloudy : thunderstorm. |
| Mean | 29·705 | 0·126 | 87·5 | 77·4 | 100·6 | 81·5 | 144·4 | 80·3 | 0·808 | 64 | 238 | South | 42 | 1·19 | |

# Madras Meteorological Observations. 1876—June.

| June 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·633 | 0·141 | 81·5 | 76·6 | 95·9 | 71·0 | 144·1 | 70·9 | 0·850 | 79 | 226 | S by W | 90 | 0·26 | Cloudy : rain. |
| 2 | 29·660 | 0·105 | 85·5 | 78·5 | 95·9 | 79·7 | 149·1 | 77·7 | 0·882 | 72 | 156 | S by E | 73 | 0·07 | Cloudy. |
| 3 | 29·681 | 0·130 | 84·7 | 76·6 | 95·4 | 78·6 | 145·0 | 76·9 | 0·808 | 68 | 192 | SW by S | 67 | 0·04 | Cloudy : lg. |
| 4 | 29·653 | 0·152 | 85·3 | 77·2 | 96·8 | 78·2 | 143·5 | 76·0 | 0·826 | 68 | 218 | S by W | 30 | ... | Fine with light clouds : th. |
| 5 | 29·659 | 0·118 | 86·8 | 78·3 | 102·2 | 81·2 | 145·5 | 80·7 | 0·855 | 67 | 282 | South | 40 | ... | Fine with passing clouds. |
| 6 | 29·672 | 0·095 | 87·5 | 76·7 | 105·3 | 82·0 | 150·4 | 80·9 | 0·774 | 59 | 242 | S by W | 40 | ... | Passing clouds. |
| 7 | 29·657 | 0·083 | 86·6 | 78·5 | 95·3 | 81·2 | 144·1 | 80·0 | 0·867 | 69 | 170 | S S E | 47 | ... | Light clouds. |
| 8 | 29·677 | 0·134 | 84·7 | 78·2 | 90·0 | 81·0 | 143·7 | 80·4 | 0·878 | 74 | 267 | S S E | 57 | ... | Do. |
| 9 | 29·690 | 0·102 | 87·3 | 77·0 | 101·1 | 81·0 | 146·8 | 80·3 | 0·790 | 60 | 214 | South | 67 | ... | Passing clouds. |
| 10 | 29·719 | 0·061 | 86·6 | 76·0 | 103·2 | 82·0 | 146·1 | 81·2 | 0·756 | 60 | 261 | SW by S | 67 | ... | Cloudy : lg. N. W. |
| 11 | 29·679 | 0·114 | 88·3 | 76·5 | 102·8 | 83·0 | 147·5 | 81·5 | 0·755 | 56 | 229 | S by W | 40 | ... | Light passing clouds. |
| 12 | 29·693 | 0·081 | 86·5 | 76·5 | 100·4 | 80·0 | 145·1 | 77·7 | 0·779 | 62 | 229 | SW by S | 67 | 0·01 | Cloudy : lg. S. W. |
| 13 | 29·707 | 0·101 | 84·1 | 76·3 | 98·2 | 81·1 | 148·3 | 80·0 | 0·803 | 68 | 190 | South | 53 | 1·43 | Passing clouds : thunderstorm. |
| 14 | 29·728 | 0·093 | 84·2 | 78·3 | 95·0 | 77·1 | 137·0 | 76·3 | 0·890 | 75 | 179 | South | 33 | ... | Fine with passing clouds : lg. W. & S. |
| 15 | 29·724 | 0·139 | 83·3 | 75·6 | 99·6 | 78·7 | 148·3 | 77·7 | 0·784 | 69 | 262 | S S W | 47 | 0·43 | Passing clouds : thunderstorm. |
| 16 | 29·730 | 0·119 | 85·6 | 76·4 | 97·3 | 74·4 | 146·5 | 73·0 | 0·787 | 64 | 199 | S W | 67 | 0·53 | Passing clouds : rain : lg. N. W. |
| 17 | 29·761 | 0·136 | 88·1 | 75·2 | 99·1 | 81·7 | 143·6 | 79·9 | 0·702 | 52 | 226 | S W | 80 | 0·03 | Cloudy. |
| 18 | 29·770 | 0·145 | 85·7 | 75·8 | 100·0 | 79·8 | 148·1 | 78·0 | 0·757 | 61 | 191 | S W | 70 | ... | Do. |
| 19 | 29·748 | 0·111 | 87·9 | 75·3 | 97·2 | 81·4 | 141·1 | 80·0 | 0·709 | 54 | 215 | SW by W | 83 | 0·05 | Do. |
| 20 | 29·748 | 0·143 | 88·2 | 76·0 | 96·6 | 82·5 | 132·8 | 80·6 | 0·736 | 55 | 244 | SW by W | 87 | ... | Do. |
| 21 | 29·736 | 0·152 | 88·3 | 76·3 | 97·0 | 81·4 | 142·4 | 79·5 | 0·746 | 56 | 194 | S W | 87 | 0·03 | Do. |
| 22 | 29·759 | 0·120 | 89·0 | 74·9 | 100·2 | 81·1 | 138·2 | 78·6 | 0·676 | 50 | 201 | SW by S | 80 | ... | Do. |
| 23 | 29·742 | 0·144 | 87·5 | 75·5 | 102·5 | 82·3 | 148·8 | 80·8 | 0·722 | 56 | 240 | S W | 67 | ... | Passing clouds. |
| 24 | 29·705 | 0·134 | 87·2 | 76·0 | 104·2 | 82·3 | 150·5 | 78·6 | 0·748 | 58 | 231 | S by W | 70 | 0·01 | Do. |
| 25 | 29·724 | 0·091 | 86·8 | 75·3 | 99·5 | 83·2 | 148·3 | 82·7 | 0·723 | 57 | 184 | SW by S | 67 | 0·15 | Do. |
| 26 | 29·720 | 0·105 | 85·5 | 76·9 | 100·1 | 78·7 | 146·2 | 76·6 | 0·810 | 66 | 183 | S S W | 67 | 0·01 | Passing clouds : th. N. W. |
| 27 | 29·740 | 0·133 | 86·9 | 77·5 | 102·1 | 81·9 | 149·7 | 80·6 | 0·818 | 64 | 221 | S by W | 50 | ... | Passing clouds. |
| 28 | 29·706 | 0·130 | 85·9 | 75·8 | 102·2 | 82·1 | 149·0 | 81·3 | 0·758 | 61 | 224 | S S W | 63 | 0·05 | Light passing clouds : th. & lg. S. W. |
| 29 | 29·655 | 0·148 | 89·5 | 74·7 | 100·3 | 78·9 | 147·3 | 77·8 | 0·661 | 47 | 304 | W S W | 73 | ... | Cloudy. |
| 30 | 29·625 | 0·131 | 90·9 | 72·4 | 101·5 | 82·7 | 149·1 | 81·6 | 0·548 | 37 | 359 | W by S | 88 | ... | Do. |
| Mean | 29·703 | 0·120 | 86·5 | 76·4 | 99·2 | 80·3 | 145·5 | 78·9 | 0·773 | 61 | 224 | S S W | 64 | 3·10 | |

# Madras Meteorological Observations. 1876—July.

| July 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·628 | 0·133 | 90·3 | 73·2 | 103·0 | 81·7 | 150·6 | 79·9 | 0·589 | 41 | 305 | SW by W | 60 | ... | Passing clouds. |
| 2 | 29·666 | 0·128 | 91·7 | 74·2 | 102·4 | 83·2 | 149·4 | 81·5 | 0·611 | 41 | 345 | W S W | 37 | ... | Do. |
| 3 | 29·678 | 0·151 | 89·8 | 74·9 | 100·0 | 84·3 | 152·2 | 83·3 | 0·666 | 47 | 304 | S W | 73 | ... | Cloudy. |
| 4 | 29·669 | 0·164 | 90·3 | 76·0 | 104·2 | 83·7 | 149·4 | 82·3 | 0·706 | 49 | 236 | S W | 82 | 0·04 | Do. |
| 5 | 29·654 | 0·139 | 86·4 | 75·4 | 101·7 | 81·2 | 144·4 | 78·5 | 0·733 | 58 | 175 | S W | 83 | ... | Do. |
| 6 | 29·694 | 0·106 | 87·0 | 75·2 | 101·1 | 82·8 | 146·2 | 81·7 | 0·716 | 56 | 218 | S S W | 63 | ... | Do. |
| 7 | 29·723 | 0·118 | 85·9 | 75·7 | 101·9 | 80·0 | 150·4 | 78·9 | 0·753 | 61 | 242 | S by W | 63 | ... | Do. |
| 8 | 29·704 | 0·116 | 85·2 | 76·3 | 103·3 | 80·2 | 151·9 | 78·8 | 0·788 | 64 | 217 | S W by W | 63 | ... | Do. |
| 9 | 29·702 | 0·096 | 84·3 | 74·8 | 92·6 | 77·6 | 133·1 | 74·6 | 0·735 | 62 | 224 | SW by W | 87 | ... | Do. |
| 10 | 29·692 | 0·146 | 85·4 | 75·8 | 101·8 | 77·9 | 151·0 | 75·6 | 0·764 | 63 | 222 | SW by S | 60 | 0·01 | Cloudy : lg. N. W. |
| 11 | 29·694 | 0·109 | 85·9 | 75·5 | 100·2 | 80·0 | 149·9 | 77·4 | 0·743 | 60 | 226 | S W | 78 | 0·17 | Cloudy : lg. |
| 12 | 29·684 | 0·120 | 83·9 | 76·0 | 96·0 | 76·0 | 146·2 | 74·7 | 0·792 | 68 | 192 | S W | 85 | 0·04 | Cloudy : lg. S.W. |
| 13 | 29·688 | 0·120 | 84·1 | 75·9 | 99·4 | 79·5 | 149·6 | 78·7 | 0·785 | 67 | 184 | S W | 77 | 0·11 | Cloudy. |
| 14 | 29·748 | 0·121 | 83·5 | 75·6 | 100·9 | 79·0 | 149·6 | 77·5 | 0·781 | 68 | 146 | SW by W | 83 | 0·52 | Cloudy : lg. : rain. |
| 15 | 29·757 | 0·126 | 85·4 | 76·7 | 97·1 | 77·7 | 143·2 | 76·6 | 0·802 | 65 | 141 | S S W | 83 | 0·05 | Cloudy : lg. N. W. |
| 16 | 29·752 | 0·155 | 81·0 | 74·4 | 97·0 | 78·9 | 146·5 | 77·1 | 0·764 | 72 | 179 | SW by S | 85 | 0·79 | Cloudy : lg. : rain. |
| 17 | 29·725 | 0·147 | 82·0 | 74·4 | 90·5 | 73·8 | 145·6 | 73·7 | 0·750 | 69 | 202 | SW by S | 95 | ... | Cloudy. |
| 18 | 29·702 | 0·149 | 85·8 | 74·8 | 96·5 | 77·9 | 137·7 | 75·8 | 0·715 | 58 | 233 | S W | 93 | ... | Do. |
| 19 | 29·735 | 0·112 | 84·6 | 75·1 | 100·2 | 79·6 | 149·8 | 76·8 | 0·744 | 62 | 199 | SW by S | 57 | ... | Passing clouds. |
| 20 | 29·769 | 0·124 | 84·8 | 75·7 | 101·1 | 79·6 | 150·6 | 77·6 | 0·768 | 64 | 217 | S W | 57 | 0·07 | Do. |
| 21 | 29·776 | 0·119 | 81·2 | 75·4 | 89·3 | 75·0 | 127·7 | ... | 0·803 | 75 | 206 | S W | 85 | 0·10 | Cloudy. |
| 22 | 29·780 | 0·104 | 78·4 | 75·0 | 80·9 | 74·6 | 102·3 | 73·0 | 0·823 | 84 | 197 | S by W | 90 | 1·05 | Cloudy : lg. W. : rain. |
| 23 | 29·696 | 0·123 | 83·9 | 75·2 | 95·2 | 74·8 | 137·0 | 73·6 | 0·758 | 64 | 234 | S W | 80 | 0·03 | Cloudy. |
| 24 | 29·675 | 0·128 | 83·0 | 73·2 | 91·2 | 78·0 | 126·3 | ... | 0·687 | 60 | 227 | S W | 95 | ... | Overcast. |
| 25 | 29·698 | 0·107 | 80·8 | 73·3 | 92·3 | 79·0 | 142·9 | 77·5 | 0·720 | 68 | 250 | S W | 83 | 0·16 | Cloudy. |
| 26 | 29·695 | 0·113 | 83·5 | 73·6 | 94·1 | 75·9 | 149·2 | 73·6 | 0·700 | 60 | 231 | S W by W | 78 | 0·01 | Do. |
| 27 | 29·662 | 0·121 | 85·0 | 75·1 | 97·0 | 76·3 | 150·5 | 73·4 | 0·739 | 61 | 218 | SW by W | 70 | ... | Do. |
| 28 | 29·682 | 0·127 | 87·0 | 75·0 | 99·9 | 80·7 | 151·3 | 78·6 | 0·707 | 55 | 228 | West | 73 | 0·01 | Do. |
| 29 | 29·721 | 0·129 | 85·1 | 75·6 | 99·7 | 78·8 | 149·2 | 75·6 | 0·759 | 63 | 206 | SW by S | 53 | ... | Passing clouds. |
| 30 | 29·738 | 0·140 | 85·9 | 76·4 | 98·8 | 79·7 | 150·8 | 78·3 | 0·783 | 63 | 200 | S by W | 43 | ... | Do. |
| 31 | 29·737 | 0·120 | 81·4 | 76·2 | 94·9 | 74·0 | 145·9 | 72·8 | 0·834 | 78 | 182 | S S W | 40 | 0·61 | Passing clouds : rain. |
| Mean | 29·707 | 0·126 | 84·9 | 75·1 | 97·6 | 78·8 | 144·5 | 77·2 | 0·743 | 62 | 220 | S W | 73 | 3·77 | |

# Madras Meteorological Observations. 1876—August.

| August 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·743 | 0·107 | 83·9 | 76·8 | 92·2 | 77·2 | 147·5 | 76·0 | 0·827 | 72 | 189 | S S W | 33 | ... | Fine with light clouds. |
| 2 | 29·765 | 0·092 | 83·2 | 76·3 | 92·5 | 76·0 | 149·9 | 74·4 | 0·814 | 71 | 134 | S by W | 30 | ... | Fine with passing clouds. |
| 3 | 29·755 | 0·093 | 83·8 | 76·7 | 96·3 | 77·3 | 149·6 | 76·1 | 0·824 | 71 | 176 | S by W | 40 | 0·12 | Passing clouds. |
| 4 | 29·789 | 0·114 | 81·2 | 75·5 | 91·2 | 75·0 | 147·2 | 73·7 | 0·807 | 76 | 227 | W S W | 57 | 0·74 | Cloudy day, fine night : rain. |
| 5 | 29·796 | 0·123 | 84·1 | 77·6 | 91·3 | 77·9 | 146·7 | 75·7 | 0·860 | 73 | 116 | S S W | 73 | ... | Cloudy. |
| 6 | 29·752 | 0·087 | 83·7 | 75·4 | 90·9 | 77·8 | 139·0 | 76·7 | 0·769 | 66 | 137 | W S W | 80 | ... | Do. |
| 7 | 29·711 | 0·109 | 83·5 | 73·0 | 94·8 | 77·2 | 148·5 | 76·5 | 0·672 | 59 | 160 | S W by W | 87 | ... | Do. |
| 8 | 29·719 | 0·074 | 83·5 | 74·9 | 96·6 | 78·2 | 149·6 | 76·7 | 0·751 | 65 | 185 | S W by S | 83 | 0·23 | Cloudy : rain. |
| 9 | 29·738 | 0·068 | 83·0 | 75·8 | 95·8 | 76·6 | 149·7 | 74·6 | 0·795 | 70 | 160 | S by W | 83 | 0·08 | Cloudy. |
| 10 | 29·760 | 0·088 | 83·6 | 76·0 | 96·2 | 79·1 | 146·9 | 77·1 | 0·797 | 69 | 189 | South | 87 | ... | Do. |
| 11 | 29·743 | 0·116 | 84·1 | 76·3 | 99·2 | 78·9 | 149·4 | 78·0 | 0·803 | 68 | 162 | S by W | 67 | 0·01 | Do. |
| 12 | 29·712 | 0·173 | 84·7 | 75·9 | 99·7 | 77·2 | 148·3 | 75·2 | 0·777 | 65 | 176 | S by W | 57 | ... | Passing clouds. |
| 13 | 29·740 | 0·106 | 84·8 | 76·1 | 97·4 | 79·6 | 141·7 | 78·0 | 0·784 | 65 | 163 | S S W | 60 | ... | Do. |
| 14 | 29·783 | 0·119 | 84·6 | 76·5 | 99·4 | 79·1 | 146·6 | 78·5 | 0·805 | 68 | 170 | South | 47 | 0·04 | Passing clouds : lg. |
| 15 | 29·796 | 0·147 | 82·4 | 76·0 | 95·0 | 77·0 | 148·7 | 74·5 | 0·811 | 73 | 131 | S S W | 77 | 0·04 | Cloudy. |
| 16 | 29·777 | 0·109 | 83·3 | 74·1 | 91·7 | 76·1 | 125·1 | 75·0 | 0·720 | 63 | 156 | W S W | 83 | ... | Do. |
| 17 | 29·743 | 0·125 | 84·3 | 74·7 | 98·5 | 77·8 | 151·2 | 75·6 | 0·732 | 62 | 154 | S S W | 67 | 0·03 | Passing clouds. |
| 18 | 29·701 | 0·155 | 84·3 | 75·2 | 98·4 | 76·7 | 147·6 | 74·2 | 0·753 | 64 | 218 | S W | 70 | ... | Cloudy. |
| 19 | 29·675 | 0·153 | 86·3 | 74·8 | 99·1 | 79·5 | 150·3 | 78·7 | 0·710 | 57 | 223 | W S W | 67 | 0·03 | Passing clouds : th. and lg. |
| 20 | 29·715 | 0·129 | 84·4 | 75·0 | 98·0 | 78·7 | 148·3 | 76·8 | 0·742 | 62 | 208 | S S W | 50 | ... | Passing clouds. |
| 21 | 29·723 | 0·121 | 85·5 | 74·7 | 98·2 | 79·7 | 148·5 | 78·6 | 0·715 | 58 | 201 | South | 33 | ... | Fine with passing clouds : lg. S. E. |
| 22 | 29·723 | 0·136 | 84·9 | 75·6 | 98·0 | 76·8 | 148·1 | 75·6 | 0·762 | 63 | 192 | S by E | 33 | ... | Fine with passing clouds : lg. S. W. |
| 23 | 29·713 | 0·123 | 86·0 | 75·1 | 99·8 | 78·8 | 148·8 | 77·7 | 0·725 | 58 | 172 | South | 57 | ... | Passing clouds : lg. W. |
| 24 | 29·718 | 0·079 | 84·7 | 74·0 | 90·6 | 79·3 | 126·2 | 78·7 | 0·697 | 59 | 142 | West | 90 | ... | Cloudy. |
| 25 | 29·690 | 0·124 | 84·9 | 74·8 | 97·6 | 77·8 | 148·8 | 76·3 | 0·728 | 61 | 144 | S W by W | 73 | 0·14 | Do. |
| 26 | 29·730 | 0·130 | 81·9 | 74·3 | 96·5 | 73·9 | 149·9 | 72·1 | 0·747 | 69 | 148 | S W by S | 67 | 0·79 | Cloudy : lg. W. : rain. |
| 27 | 29·744 | 0·135 | 82·9 | 75·1 | 91·5 | 72·8 | 134·3 | 70·9 | 0·767 | 68 | 138 | S S W | 63 | ... | Passing clouds. |
| 28 | 29·788 | 0·134 | 81·3 | 76·1 | 88·3 | 78·0 | 112·3 | 76·9 | 0·832 | 78 | 120 | S by W | 95 | ... | Cloudy. |
| 29 | 29·748 | 0·178 | 83·0 | 75·1 | 99·4 | 76·8 | 152·3 | 74·5 | 0·765 | 67 | 170 | S W by S | 70 | 0·64 | Cloudy : th. and lg. : rain. |
| 30 | 29·703 | 0·163 | 82·8 | 74·6 | 94·5 | 78·1 | 145·4 | 76·7 | 0·747 | 66 | 216 | S W | 80 | 0·11 | Cloudy. |
| 31 | 29·664 | 0·155 | 85·3 | 72·5 | 95·9 | 78·2 | 151·4 | 76·4 | 0·628 | 52 | 268 | S W by W | 80 | ... | Do. |
| Mean | 29·737 | 0·121 | 83·9 | 75·3 | 95·6 | 77·5 | 145·1 | 76·0 | 0·763 | 66 | 172 | S W by S | 66 | 3·00 | |

# Madras Meteorological Observations, 1876—September.

| September 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·669 | 0·138 | 83·9 | 74·7 | 97·2 | 79·4 | 151·9 | 77·5 | 0·737 | 63 | 256 | SW by S | 77 | 0·06 | Cloudy. |
| 2 | 29·716 | 0·150 | 83·9 | 75·3 | 96·7 | 78·2 | 151·1 | 75·5 | 0·763 | 65 | 223 | S S W | 70 | 0·01 | Do. |
| 3 | 29·747 | 0·129 | 84·1 | 76·0 | 97·4 | 78·9 | 150·7 | 78·0 | 0·790 | 68 | 174 | South | 67 | 0·16 | Cloudy: th. and lg. |
| 4 | 29·765 | 0·134 | 81·3 | 75·9 | 90·6 | 77·5 | 135·5 | 75·9 | 0·823 | 77 | 159 | S by W | 93 | 0·91 | Cloudy: th. and lg.: rain. |
| 5 | 29·777 | 0·148 | 83·3 | 75·3 | 94·2 | 73·3 | 144·6 | 71·6 | 0·771 | 67 | 192 | S W | 77 | 0·24 | Cloudy with rain. |
| 6 | 29·811 | 0·113 | 82·7 | 72·2 | 93·4 | 76·5 | 147·1 | 74·2 | 0·650 | 58 | 168 | S by W | 27 | ... | Fine with light clouds. |
| 7 | 29·807 | 0·110 | 83·2 | 76·3 | 92·1 | 77·3 | 147·7 | 74·7 | 0·814 | 71 | 126 | S by E | 50 | ... | Passing clouds. |
| 8 | 29·768 | 0·118 | 84·2 | 77·0 | 95·3 | 77·6 | 149·2 | 76·2 | 0·832 | 71 | 164 | S by W | 30 | ... | Fine with passing clouds. |
| 9 | 29·763 | 0·096 | 84·9 | 76·6 | 98·0 | 79·4 | 148·3 | 78·0 | 0·805 | 67 | 156 | S by W | 60 | ... | Passing clouds. |
| 10 | 29·755 | 0·147 | 85·3 | 75·3 | 96·1 | 79·8 | 146·3 | 78·8 | 0·744 | 61 | 180 | South | 53 | ... | Do. |
| 11 | 29·745 | 0·139 | 84·9 | 77·3 | 94·4 | 79·7 | 147·3 | 78·4 | 0·836 | 70 | 189 | South | 63 | ... | Passing clouds: lg. |
| 12 | 29·735 | 0·112 | 84·5 | 75·9 | 99·6 | 79·6 | 146·8 | 78·6 | 0·780 | 66 | 201 | SW by S | 90 | ... | Cloudy. |
| 13 | 29·730 | 0·137 | 84·0 | 72·8 | 99·0 | 77·8 | 147·7 | 76·8 | 0·657 | 57 | 176 | S by W | 70 | ... | Do. |
| 14 | 29·749 | 0·134 | 84·0 | 72·6 | 99·4 | 76·0 | 149·2 | 73·5 | 0·649 | 56 | 208 | SW by S | 17 | ... | Fine. |
| 15 | 29·757 | 0·114 | 84·9 | 72·6 | 99·0 | 76·3 | 149·1 | 75·0 | 0·637 | 53 | 196 | S S W | 73 | ... | Hazy. |
| 16 | 29·767 | 0·119 | 86·1 | 72·9 | 100·3 | 78·4 | 149·9 | 77·4 | 0·632 | 51 | 235 | S S W | 50 | ... | Passing clouds. |
| 17 | 29·750 | 0·163 | 85·3 | 73·0 | 100·2 | 79·1 | 151·2 | 77·3 | 0·647 | 53 | 260 | S S W | 20 | ... | Fine. |
| 18 | 29·760 | 0·110 | 85·2 | 75·0 | 97·2 | 78·0 | 147·1 | 76·6 | 0·732 | 60 | 210 | South | 40 | ... | Fine with light clouds. |
| 19 | 29·817 | 0·110 | 85·5 | 74·9 | 98·1 | 79·5 | 149·6 | 78·1 | 0·724 | 59 | 196 | S by E | 37 | ... | Do. |
| 20 | 29·833 | 0·138 | 86·3 | 76·9 | 101·3 | 80·9 | 148·4 | 80·0 | 0·799 | 63 | 138 | S S E | 57 | ... | Passing clouds: lg. W. |
| 21 | 29·788 | 0·175 | 85·7 | 75·7 | 96·4 | 77·9 | 148·5 | 77·8 | 0·755 | 61 | 193 | S S W | 77 | ... | Cloudy. |
| 22 | 29·777 | 0·139 | 86·5 | 76·4 | 96·8 | 80·4 | 151·2 | 79·5 | 0·775 | 61 | 148 | South | 43 | ... | Passing clouds. |
| 23 | 29·817 | 0·146 | 85·9 | 76·8 | 96·5 | 81·0 | 149·0 | 77·8 | 0·800 | 65 | 152 | South | 58 | 0·03 | Cloudy day, fine night. |
| 24 | 29·855 | 0·133 | 83·4 | 76·6 | 93·8 | 78·0 | 148·1 | 75·1 | 0·825 | 72 | 95 | S by E | 77 | 0·52 | Cloudy: rain. |
| 25 | 29·840 | 0·134 | 83·0 | 77·9 | 89·7 | 80·1 | 147·0 | 78·7 | 0·889 | 79 | 83 | S by W | 60 | 1·10 | Passing clouds: rain. |
| 26 | 29·839 | 0·169 | 84·1 | 76·5 | 95·7 | 79·0 | 148·7 | 78·5 | 0·812 | 70 | 97 | S S W | 40 | ... | Passing clouds. |
| 27 | 29·826 | 0·133 | 84·1 | 77·0 | 93·7 | 80·1 | 147·4 | 80·5 | 0·833 | 72 | 83 | S E | 40 | ... | Fine with passing clouds. |
| 28 | 29·827 | 0·125 | 83·6 | 75·9 | 98·5 | 77·0 | 148·2 | 74·9 | 0·793 | 69 | 102 | S S W | 63 | ... | Cloudy. |
| 29 | 29·833 | 0·145 | 84·2 | 78·0 | 91·3 | 78·0 | 146·1 | 75·7 | 0·877 | 75 | 176 | S by E | 27 | ... | Fine with passing clouds. |
| 30 | 29·833 | 0·153 | 83·0 | 75·9 | 94·3 | 79·6 | 146·6 | 76·0 | 0·800 | 71 | 213 | South | 53 | 0·23 | Passing clouds: thunderstorm. |
| Mean | 29·782 | 0·134 | 84·4 | 75·5 | 96·2 | 78·5 | 148·0 | 76·9 | 0·766 | 65 | 172 | S by W | 55 | 3·26 | |

# Madras Meteorological Observations. 1876—October.

| October 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·817 | 0·117 | 82·9 | 77·0 | 91·4 | 75·8 | 148·4 | 74·0 | 0·849 | 75 | 108 | S by E | 57 | ... | Passing clouds. |
| 2 | 29·842 | 0·135 | 84·3 | 75·8 | 97·4 | 76·8 | 148·2 | 74·8 | 0·778 | 66 | 101 | S by E | 37 | ... | Fine with light clouds. |
| 3 | 29·848 | 0·134 | 84·1 | 73·9 | 96·0 | 74·8 | 148·8 | 70·8 | 0·701 | 60 | 141 | NE by E | 27 | ... | Do. |
| 4 | 29·840 | 0·125 | 82·9 | 75·8 | 92·1 | 76·8 | 149·2 | 74·3 | 0·797 | 71 | 117 | N E | 30 | ... | Fine with passing clouds. |
| 5 | 29·828 | 0·128 | 82·2 | 75·1 | 91·2 | 77·0 | 151·1 | 74·6 | 0·777 | 71 | 95 | NE by N | 47 | ... | Passing clouds. |
| 6 | 29·792 | 0·138 | 84·7 | 76·6 | 94·4 | 76·5 | 148·4 | 74·1 | 0·808 | 68 | 101 | NE by E | 77 | ... | Cloudy : lg. W. |
| 7 | 29·723 | 0·138 | 80·6 | 72·6 | 95·0 | 72·0 | 148·6 | 71·8 | 0·695 | 67 | 83 | S S E | 90 | 0·59 | Cloudy : th. : rain. |
| 8 | 29·686 | 0·135 | 85·4 | 71·5 | 99·1 | 74·0 | 148·6 | 70·7 | 0·586 | 48 | 168 | SWbyW | 57 | ... | Hazy. |
| 9 | 29·723 | 0·114 | 85·3 | 73·9 | 98·7 | 76·4 | 147·8 | 73·7 | 0·684 | 56 | 198 | South | 53 | ... | Passing clouds. |
| 10 | 29·805 | 0·098 | 84·8 | 74·8 | 97·4 | 76·8 | 154·2 | 74·2 | 0·729 | 61 | 171 | South | 40 | ... | Fine with passing clouds. |
| 11 | 29·868 | 0·133 | 83·6 | 77·1 | 91·4 | 77·6 | 149·1 | 75·6 | 0·844 | 73 | 156 | S S E | 60 | 0·04 | Fine day : cloudy night. |
| 12 | 29·911 | 0·123 | 83·5 | 74·8 | 92·4 | 80·5 | 148·9 | 77·3 | 0·746 | 65 | 60 | SE by S | 83 | 0·01 | Cloudy. |
| 13 | 29·906 | 0·140 | 83·4 | 76·0 | 94·3 | 77·4 | 149·6 | 74·6 | 0·799 | 69 | 100 | S S E | 30 | ... | Passing clouds. |
| 14 | 29·931 | 0·110 | 82·8 | 74·2 | 91·8 | 74·8 | 150·0 | 71·0 | 0·731 | 65 | 99 | S E | 23 | ... | Fine. |
| 15 | 29·948 | 0·103 | 82·0 | 73·9 | 90·4 | 73·7 | 149·8 | 70·4 | 0·729 | 67 | 84 | East | 20 | ... | Do. |
| 16 | 29·957 | 0·089 | 83·0 | 75·4 | 91·6 | 76·3 | 147·6 | 73·7 | 0·779 | 69 | 121 | East | 57 | ... | Passing clouds. |
| 17 | 29·978 | 0·132 | 81·6 | 76·0 | 88·7 | 78·4 | 142·3 | 75·2 | 0·824 | 77 | 75 | East | 67 | 0·02 | Cloudy. |
| 18 | 29·968 | 0·131 | 83·1 | 76·1 | 91·4 | 76·6 | 149·9 | 75·0 | 0·807 | 71 | 86 | East | 43 | 0·02 | Passing clouds. |
| 19 | 29·963 | 0·116 | 83·2 | 75·7 | 90·6 | 75·8 | 149·9 | 72·9 | 0·789 | 69 | 109 | East | 20 | ... | Fine. |
| 20 | 29·942 | 0·100 | 83·2 | 75·5 | 92·2 | 76·1 | 149·9 | 73·9 | 0·780 | 69 | 179 | E N E | 30 | ... | Fine with passing clouds. |
| 21 | 29·952 | 0·111 | 82·0 | 74·1 | 91·7 | 74·0 | 150·6 | 70·6 | 0·737 | 67 | 138 | E N E | 30 | ... | Do. |
| 22 | 29·952 | 0·094 | 83·1 | 73·9 | 92·3 | 75·5 | 148·9 | 73·6 | 0·714 | 63 | 139 | E N E | 17 | ... | Fine. |
| 23 | 29·927 | 0·116 | 82·7 | 72·2 | 91·6 | 73·7 | 147·8 | 70·6 | 0·650 | 58 | 216 | N E | 27 | ... | Fine with passing clouds. |
| 24 | 29·934 | 0·106 | 84·0 | 73·8 | 91·2 | 78·1 | 149·0 | 75·4 | 0·699 | 60 | 270 | NE byN | 33 | ... | Do. |
| 25 | 29·932 | 0·110 | 81·8 | 71·2 | 90·9 | 72·8 | 149·4 | 69·1 | 0·623 | 59 | 249 | NE by N | 52 | ... | Passing clouds : lg. S. E. |
| 26 | 29·903 | 0·134 | 79·7 | 72·8 | 85·8 | 74·8 | 110·4 | 73·1 | 0·716 | 70 | 230 | N by E | 100 | ... | Overcast : lg. E. |
| 27 | 29·874 | 0·118 | 77·3 | 74·1 | 84·7 | 75·8 | 136·0 | 74·6 | 0·801 | 85 | 164 | N by E | 95 | 0·36 | Cloudy : lg. N. E. and N. : rain. |
| 28 | 29·852 | 0·107 | 79·7 | 73·6 | 86·0 | 76·7 | 121·3 | 74·4 | 0·748 | 74 | 206 | N by E | 97 | ... | Cloudy. |
| 29 | 29·833 | 0·174 | 78·9 | 70·5 | 90·0 | 73·2 | 148·2 | 70·8 | 0·637 | 64 | 189 | N by E | 75 | ... | Do. |
| 30 | 29·774 | 0·143 | 79·7 | 69·9 | 92·4 | 70·1 | 149·2 | 65·9 | 0·601 | 59 | 148 | N by E | 33 | ... | Fine with light clouds. |
| 31 | 29·800 | 0·116 | 79·5 | 69·8 | 95·7 | 71·1 | 150·7 | 67·6 | 0·599 | 59 | 136 | NE byN | 27 | ... | Fine. |
| Mean | 29·871 | 0·122 | 82·4 | 74·1 | 92·3 | 75·5 | 146·5 | 72·8 | 0·734 | 66 | 143 | East | 49 | 1·04 | |

# Madras Meteorological Observations. 1876—November.

| November 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·848 | 0·140 | 80·0 | 71·0 | 93·4 | 68·2 | 150·2 | 64·8 | 0·639 | 62 | 118 | E by N | 40 | ... | Fine with passing clouds. |
| 2 | 29·883 | 0·133 | 81·6 | 73·8 | 92·8 | 71·8 | 149·0 | 67·7 | 0·730 | 68 | 109 | E S E | 27 | ... | Do. |
| 3 | 29·910 | 0·099 | 81·1 | 72·1 | 91·2 | 72·1 | 150·5 | 68·6 | 0·668 | 62 | 159 | E N E | 30 | ... | Do. |
| 4 | 29·923 | 0·123 | 80·9 | 72·2 | 90·1 | 70·0 | 149·1 | 66·6 | 0·674 | 63 | 176 | NE by E | 30 | ... | Do. |
| 5 | 29·943 | 0·114 | 80·3 | 72·0 | 89·9 | 72·7 | 149·6 | 70·1 | 0·675 | 65 | 167 | N E | 40 | ... | Passing clouds. |
| 6 | 29·921 | 0·106 | 80·9 | 71·2 | 89·6 | 72·0 | 147·5 | 68·8 | 0·634 | 61 | 230 | NE by N | 37 | ... | Fine with passing clouds. |
| 7 | 29·902 | 0·086 | 81·8 | 72·8 | 91·0 | 75·3 | 147·9 | 73·6 | 0·687 | 63 | 199 | NE by N | 63 | ... | Cloudy. |
| 8 | 29·942 | 0·110 | 79·9 | 73·3 | 84·7 | 77·3 | 118·2 | 75·6 | 0·733 | 72 | 215 | N E | 83 | ... | Do. |
| 9 | 29·927 | 0·136 | 75·7 | 72·9 | 82·4 | 75·4 | 110·4 | 73·1 | 0·774 | 87 | 105 | North | 98 | 0·43 | Overcast with rain. |
| 10 | 29·872 | 0·119 | 74·6 | 72·2 | 82·9 | 71·4 | 120·1 | 69·9 | 0·759 | 88 | 112 | N E | 100 | 2·30 | Overcast. |
| 11 | 29·867 | 0·094 | 76·9 | 73·2 | 82·3 | 71·2 | 117·7 | 70·6 | 0·769 | 83 | 125 | N by E | 83 | 1·10 | Cloudy: rain. |
| 12 | 29·886 | 0·108 | 80·4 | 73·1 | 85·9 | 77·0 | 144·2 | 72·3 | 0·718 | 69 | 243 | N N E | 50 | ... | Passing clouds. |
| 13 | 29·901 | 0·144 | 77·2 | 71·5 | 86·4 | 72·2 | 149·3 | 69·9 | 0·696 | 75 | 170 | N by E | 40 | ... | Do. |
| 14 | 29·872 | 0·124 | 76·5 | 68·9 | 87·7 | 69·2 | 147·8 | 66·5 | 0·607 | 67 | 162 | N by E | 50 | ... | Fine with passing clouds. |
| 15 | 29·884 | 0·119 | 76·4 | 68·9 | 87·1 | 68·2 | 147·3 | 65·0 | 0·608 | 67 | 142 | N N E | 47 | ... | Passing clouds. |
| 16 | 29·934 | 0·107 | 74·8 | 68·0 | 85·5 | 66·1 | 144·7 | 63·0 | 0·595 | 69 | 151 | N by E | 50 | ... | Do. |
| 17 | 29·945 | 0·113 | 76·8 | 69·3 | 85·9 | 67·9 | 149·1 | 64·3 | 0·617 | 67 | 188 | N N E | 50 | ... | Do. |
| 18 | 29·954 | 0·137 | 77·1 | 68·5 | 86·0 | 68·8 | 148·1 | 65·6 | 0·583 | 63 | 223 | N N E | 47 | ... | Do. |
| 19 | 29·955 | 0·143 | 77·2 | 67·9 | 86·1 | 69·1 | 146·6 | 65·2 | 0·560 | 60 | 232 | N N E | 47 | ... | Do. |
| 20 | 29·970 | 0·117 | 77·1 | 66·0 | 86·5 | 67·0 | 145·1 | 63·6 | 0·492 | 53 | 198 | NE by N | 37 | ... | Fine with passing clouds. |
| 21 | 29·987 | 0·099 | 75·1 | 67·8 | 86·8 | 66·0 | 147·1 | 62·2 | 0·583 | 67 | 140 | N by E | 47 | ... | Passing clouds. |
| 22 | 29·931 | 0·134 | 74·4 | 67·5 | 85·2 | 66·4 | 145·7 | 62·7 | 0·582 | 68 | 158 | N by E | 37 | ... | Do. |
| 23 | 29·866 | 0·161 | 73·2 | 63·7 | 85·5 | 63·4 | 147·7 | 59·5 | 0·465 | 57 | 126 | N by E | 47 | ... | Do. |
| 24 | 29·905 | 0·126 | 74·5 | 65·3 | 85·4 | 61·1 | 145·5 | 56·9 | 0·502 | 58 | 105 | South | 27 | ... | Fine with passing clouds. |
| 25 | 29·972 | 0·134 | 75·7 | 67·6 | 84·7 | 64·8 | 148·2 | 60·7 | 0·569 | 64 | 114 | E N E | 38 | ... | Passing clouds. |
| 26 | 30·000 | 0·108 | 75·4 | 67·6 | 86·6 | 65·9 | 145·3 | 62·3 | 0·573 | 65 | 117 | NE by E | 20 | ... | Fine. |
| 27 | 29·982 | 0·120 | 76·1 | 68·4 | 85·5 | 65·3 | 145·5 | 61·7 | 0·592 | 65 | 186 | NE by N | 23 | ... | Fine with passing clouds. |
| 28 | 29·960 | 0·143 | 78·3 | 72·1 | 88·2 | 68·6 | 146·8 | 65·2 | 0·706 | 73 | 191 | N N E | 60 | ... | Passing clouds. |
| 29 | 29·965 | 0·114 | 74·7 | 71·8 | 80·2 | 72·8 | 109·5 | 71·8 | 0·742 | 86 | 207 | NE by N | 97 | 1·27 | Overcast. |
| 30 | 29·990 | 0·109 | 78·2 | 72·7 | 83·6 | 73·5 | 142·1 | 71·8 | 0·731 | 76 | 199 | E N E | 67 | 0·20 | Cloudy. |
| Mean | 29·927 | 0·121 | 77·4 | 70·1 | 86·6 | 69·7 | 141·9 | 66·7 | 0·642 | 68 | 166 | NE by N | 50 | 5·30 | |

# Madras Meteorological Observations. 1876—December.

| December 1876 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Cents | Points | Inches | |
| 1 | 29·987 | 0·136 | 75·6 | 71·0 | 83·1 | 70·4 | 142·4 | 68·3 | 0·699 | 79 | 116 | NE by N | 37 | ... | Fine with light clouds. |
| 2 | 29·972 | 0·124 | 74·2 | 68·5 | 83·0 | 67·5 | 142·5 | 64·4 | 0·622 | 73 | 123 | N E by N | 15 | ... | Fine. |
| 3 | 29·995 | 0·113 | 73·4 | 67·2 | 82·1 | 64·1 | 142·1 | 61·2 | 0·585 | 71 | 126 | N E | 23 | ... | Fine with passing clouds. |
| 4 | 30·006 | 0·110 | 74·3 | 67·2 | 83·7 | 66·4 | 148·2 | 63·3 | 0·573 | 68 | 97 | NE by E | 27 | ... | Do. |
| 5 | 30·032 | 0·090 | 74·1 | 65·8 | 82·9 | 63·1 | 144·0 | 59·8 | 0·525 | 62 | 141 | NE by E | 37 | ... | Do. |
| 6 | 30·084 | 0·092 | 76·3 | 66·9 | 84·2 | 70·0 | 146·2 | 65·6 | 0·534 | 59 | 190 | NE by N | 43 | ... | Passing clouds. |
| 7 | 30·083 | 0·111 | 75·1 | 66·3 | 84·0 | 65·4 | 145·2 | 61·5 | 0·531 | 60 | 220 | N N E | 33 | ... | Fine with passing clouds. |
| 8 | 30·017 | 0·138 | 75·0 | 66·6 | 84·1 | 67·2 | 147·2 | 63·6 | 0·542 | 62 | 208 | NE by N | 40 | ... | Passing clouds. |
| 9 | 30·007 | 0·122 | 74·2 | 66·5 | 84·3 | 63·9 | 144·6 | 60·6 | 0·549 | 65 | 217 | N N E | 60 | ... | Cloudy. |
| 10 | 30·021 | 0·118 | 74·9 | 68·8 | 85·0 | 68·1 | 145·1 | 66·4 | 0·624 | 72 | 224 | N by E | 50 | ... | Fine day: cloudy night. |
| 11 | 30·038 | 0·095 | 75·9 | 67·6 | 84·4 | 65·9 | 144·5 | 62·4 | 0·566 | 63 | 202 | NE by N | 50 | ... | Passing clouds. |
| 12 | 30·032 | 0·118 | 75·3 | 68·2 | 85·0 | 67·4 | 143·8 | 63·4 | 0·596 | 68 | 191 | NE by N | 33 | ... | Fine with passing clouds. |
| 13 | 30·014 | 0·127 | 74·6 | 67·6 | 83·9 | 65·1 | 143·6 | 61·4 | 0·583 | 68 | 156 | NE by N | 33 | ... | Do. |
| 14 | 30·017 | 0·122 | 74·6 | 66·8 | 84·7 | 64·3 | 144·7 | 60·6 | 0·554 | 65 | 185 | N E | 40 | ... | Do. |
| 15 | 30·010 | 0·136 | 74·0 | 65·4 | 84·4 | 65·6 | 146·2 | 61·9 | 0·513 | 61 | 199 | NE by N | 40 | ... | Passing clouds. |
| 16 | 29·984 | 0·124 | 75·8 | 66·5 | 84·7 | 61·8 | 142·0 | 61·7 | 0·527 | 59 | 199 | N N E | 47 | ... | Fine with passing clouds. |
| 17 | 29·979 | 0·118 | 72·9 | 65·1 | 85·3 | 64·0 | 148·2 | 59·6 | 0·516 | 64 | 192 | N N E | 50 | ... | Passing clouds. |
| 18 | 29·972 | 0·095 | 73·2 | 64·4 | 85·1 | 62·9 | 147·7 | 59·0 | 0·488 | 59 | 185 | N N E | 60 | ... | Do. |
| 19 | 29·960 | 0·122 | 73·2 | 64·7 | 84·3 | 64·6 | 146·8 | 61·4 | 0·499 | 61 | 167 | N by E | 53 | ... | Do. |
| 20 | 29·972 | 0·128 | 72·9 | 65·2 | 83·8 | 62·8 | 145·9 | 58·1 | 0·520 | 64 | 173 | N N E | 47 | ... | Do. |
| 21 | 29·999 | 0·111 | 73·1 | 65·7 | 85·4 | 63·1 | 14[illegible]·9 | 58·9 | 0·534 | 65 | 172 | N N E | 40 | ... | Do. |
| 22 | 29·996 | 0·118 | 76·8 | 69·3 | 84·8 | 69·0 | 146·5 | 66·4 | 0·617 | 67 | 288 | N by E | 53 | ... | Do. |
| 23 | 29·997 | 0·124 | 76·2 | 68·9 | 81·6 | 70·3 | 122·4 | 68·9 | 0·610 | 68 | 333 | N by E | 77 | ... | Cloudy. |
| 24 | 30·039 | 0·091 | 75·9 | 69·5 | 79·7 | 71·6 | 113·5 | 70·1 | 0·636 | 71 | 348 | N N E | 88 | 0·06 | Do. |
| 25 | 30·042 | 0·118 | 74·6 | 70·1 | 81·3 | 71·0 | 127·5 | 68·9 | 0·676 | 79 | 244 | N by E | 80 | 0·02 | Do. |
| 26 | 30·036 | 0·118 | 76·0 | 71·1 | 82·0 | 72·4 | 124·3 | 71·4 | 0·697 | 77 | 267 | N N E | 83 | 0·03 | Do. |
| 27 | 30·043 | 0·141 | 76·5 | 68·0 | 83·8 | 71·3 | 145·3 | 68·8 | 0·572 | 62 | 243 | NE by N | 50 | ... | Passing clouds. |
| 28 | 30·029 | 0·121 | 75·2 | 67·1 | 84·6 | 67·9 | 147·2 | 64·0 | 0·557 | 64 | 174 | NE by N | 40 | ... | Fine with passing clouds. |
| 29 | 30·041 | 0·121 | 74·0 | 67·1 | 86·0 | 65·0 | 145·8 | 61·3 | 0·572 | 68 | 162 | N N E | 37 | ... | Do. |
| 30 | 30·043 | 0·118 | 75·1 | 68·1 | 84·5 | 66·9 | 147·5 | 62·9 | 0·594 | 68 | 207 | N N E | 37 | ... | Passing clouds. |
| 31 | 30·043 | 0·099 | 74·6 | 66·7 | 84·5 | 64·4 | 145·6 | 60·7 | 0·550 | 64 | 200 | N N E | 30 | ... | Fine with passing clouds. |
| Mean | 30·016 | 0·117 | 74·8 | 67·4 | 83·9 | 66·7 | 142·4 | 63·4 | 0·573 | 66 | 198 | N N E | 46 | 0·11 | |

## Madras Mean Monthly and Annual Meteorological Results in 1876.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·972 | 0·124 | 74·1 | 84·7 | 65·3 | 19·4 | 67·6 | 63·3 | 0·591 | 70 | 147·5 | 61·9 | 129 | 4 | N E | 0·12 | 1 | 65 |
| February | 29·960 | 0·126 | 74·2 | 85·7 | 63·6 | 22·1 | 67·3 | 62·1 | 0·580 | 68 | 145·0 | 60·1 | 95 | 9 | E by S | ... | ... | 87 |
| March | 29·872 | 0·137 | 81·6 | 90·8 | 74·1 | 16·7 | 75·1 | 72·0 | 0·784 | 72 | 142·7 | 71·4 | 173 | 13 | S E by S | ... | ... | 82 |
| April | 29·767 | 0·139 | 84·8 | 93·4 | 78·4 | 15·0 | 78·0 | 75·8 | 0·868 | 72 | 140·5 | 76·1 | 217 | 13 | S E by S | 0·71 | 1 | 78 |
| May | 29·705 | 0·126 | 87·5 | 100·6 | 81·5 | 19·1 | 77·4 | 74·6 | 0·808 | 64 | 144·4 | 80·3 | 238 | 16 | South | 1·19 | 5 | 58 |
| June | 29·703 | 0·120 | 86·5 | 99·2 | 80·3 | 18·9 | 76·4 | 73·2 | 0·773 | 61 | 145·5 | 78·9 | 224 | 18 | S S W | 3·10 | 14 | 36 |
| July | 29·707 | 0·126 | 84·9 | 97·6 | 78·8 | 18·8 | 75·1 | 72·5 | 0·743 | 62 | 144·5 | 77·2 | 220 | 20 | S W | 3·77 | 16 | 27 |
| August | 29·737 | 0·121 | 83·9 | 95·6 | 77·5 | 18·1 | 75·3 | 72·6 | 0·763 | 66 | 145·1 | 76·0 | 172 | 19 | S W by S | 3·00 | 13 | 34 |
| September | 29·782 | 0·134 | 84·4 | 96·2 | 78·5 | 17·7 | 75·5 | 72·5 | 0·766 | 65 | 148·0 | 76·9 | 172 | 17 | S by W | 3·26 | 9 | 45 |
| October | 29·871 | 0·122 | 82·4 | 92·3 | 75·5 | 16·8 | 74·1 | 71·5 | 0·734 | 66 | 146·5 | 72·8 | 143 | 8 | East | 1·04 | 6 | 51 |
| November | 29·927 | 0·121 | 77·4 | 86·6 | 69·7 | 16·9 | 70·1 | 66·8 | 0·642 | 68 | 141·9 | 66·7 | 166 | 3 | N E by N | 5·30 | 5 | 50 |
| December | 30·016 | 0·117 | 74·8 | 83·9 | 66·7 | 17·2 | 67·4 | 63·7 | 0·573 | 66 | 142·4 | 63·4 | 198 | 2 | N N E | 0·11 | 3 | 54 |
| Annual | 29·835 | 0·126 | 81·4 | 92·2 | 74·2 | 18·1 | 73·3 | 70·1 | 0·719 | 67 | 144·5 | 71·8 | 179 | 12 | S E | 21·60 | 73 | 56 |

## Madras Extreme Monthly Meteorological Records in 1876.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·128 | 15 | 29·841 | 27 | 0·287 | 90·4 | 26 | 57·6 | 27 | 55·5 | 27 | 31 | 28 | 153·7 | 19 | 52·3 | 27 | 281 | 11 | 36 | 25 | 0·12 | 2 |
| February | 30·134 | 9 | 29·803 | 18 | 0·331 | 92·8 | 24 | 58·5 | 14 | 56·9 | 14 | 43 | 7 | 148·5 | 7 | 54·4 | 17 | 145 | 25 | 55 | 15 | ... | ... |
| March | 30·057 | 14 | 29·675 | 25 | 0·382 | 97·7 | 25 | 66·0 | 1 | 64·2 | 1 | 44 | 23 | 148·6 | 20 | 61·9 | 1 | 241 | 26 | 92 | 10 | ... | ... |
| April | 29·942 | 3 | 29·612 | 18 | 0·330 | 97·0 | 18 | 74·5 | 5 | 72·5 | 22 | 46 | 18 | 145·0 | 29 | 71·0 | 5 | 286 | 2 | 79 | 30 | 0·71 | 30 |
| May | 29·838 | 23 | 29·531 | 6 | 0·307 | 109·1 | 15 | 76·9 | 7 | 69·3 | 7 | 26 | 29 | 157·5 | 29 | 73·4 | 7 | 300 | 17 | 112 | 1 | 0·73 | 31 |
| June | 29·826 | 18 | 29·552 | 30 | 0·274 | 105·3 | 6 | 71·0 | 1 | 69·4 | 1 | 31 | 30 | 150·5 | 24 | 70·9 | 1 | 359 | 30 | 156 | 2 | 1·43 | 13 |
| July | 29·831 | 20 | 29·558 | 1 | 0·273 | 104·2 | 4 | 73·8 | 17 | 70·1 | 1 | 31 | 1 | 152·2 | 3 | 72·8 | 31 | 345 | 2 | 141 | 15 | 1·05 | 22 |
| August | 29·864 | 15 | 29·587 | 19 | 0·277 | 99·8 | 23 | 72·8 | 27 | 70·2 | 27 | 38 | 25 | 152·3 | 29 | 70·9 | 27 | 268 | 31 | 116 | 5 | 0·79 | 26 |
| September | 29·913 | 26 | 29·598 | 1 | 0·315 | 101·3 | 20 | 73·3 | 5 | 67·0 | 15 | 34 | 16 | 151·9 | 1 | 71·6 | 5 | 260 | 17 | 83 | 27 | 1·10 | 25 |
| October | 30·034 | 17 | 29·618 | 8 | 0·416 | 99·1 | 8 | 70·1 | 30 | 66·1 | 30 | 24 | 8 | 154·2 | 10 | 65·9 | 30 | 270 | 24 | 60 | 12 | 0·59 | 7 |
| November | 30·050 | 26 | 29·783 | 1 | 0·267 | 93·4 | 1 | 61·1 | 24 | 57·9 | 24 | 37 | 1 | 150·5 | 3 | 56·9 | 24 | 243 | 12 | 105 | 9 | 2·30 | 10 |
| December | 30·144 | 7 | 29·902 | 19 | 0·242 | 86·0 | 29 | 62·8 | 20 | 59·9 | 18 | 48 | 16 | 148·2 | 17 | 58·1 | 20 | 348 | 24 | 97 | 4 | 0·06 | 24 |

# Madras Meteorological Observations. 1877—January.

| January 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·044 | 0·118 | 73·4 | 65·1 | 83·8 | 62·2 | 144·7 | 59·5 | 0·511 | 62 | 144 | NE by N | 30 | ... | Fine with passing clouds. |
| 2 | 30·032 | 0·119 | 71·9 | 63·3 | 83·5 | 62·0 | 146·4 | 58·9 | 0·469 | 59 | 175 | NE by N | 50 | ... | Passing clouds. |
| 3 | 30·033 | 0·123 | 70·9 | 62·9 | 83·5 | 61·7 | 146·5 | 58·2 | 0·468 | 62 | 159 | NE by N | 37 | ... | Fine with passing clouds. |
| 4 | 30·031 | 0·114 | 73·3 | 64·7 | 84·7 | 62·1 | 146·1 | 59·0 | 0·498 | 61 | 144 | NE by N | 27 | ... | Fine. |
| 5 | 30·045 | 0·118 | 73·9 | 66·5 | 84·5 | 61·9 | 146·5 | 58·8 | 0·552 | 66 | 183 | NE by N | 13 | ... | Do. |
| 6 | 30·066 | 0·114 | 73·2 | 66·4 | 85·0 | 63·8 | 145·2 | 60·9 | 0·559 | 67 | 158 | NE by N | 33 | ... | Fine with passing clouds. |
| 7 | 30·075 | 0·110 | 74·8 | 67·2 | 85·7 | 65·5 | 147·0 | 62·8 | 0·567 | 65 | 200 | NE by N | 20 | ... | Fine. |
| 8 | 30·061 | 0·134 | 74·8 | 66·5 | 84·4 | 65·1 | 144·2 | 62·2 | 0·541 | 62 | 235 | NE by N | 37 | ... | Fine with passing clouds. |
| 9 | 30·037 | 0·124 | 74·6 | 66·5 | 84·5 | 64·8 | 142·4 | 62·9 | 0·544 | 63 | 185 | NE by N | 47 | ... | Passing clouds : fine night. |
| 10 | 30·001 | 0·145 | 75·5 | 68·8 | 85·6 | 66·3 | 144·6 | 63·7 | 0·615 | 70 | 203 | N E | 30 | ... | Fine with light clouds. |
| 11 | 30·009 | 0·108 | 77·0 | 71·6 | 85·8 | 70·8 | 145·9 | 68·6 | 0·703 | 75 | 179 | E N E | 57 | ... | Passing clouds. |
| 12 | 30·023 | 0·129 | 77·7 | 72·8 | 85·2 | 74·1 | 145·6 | 72·8 | 0·742 | 78 | 99 | E S E | 60 | 0·01 | Do. |
| 13 | 30·007 | 0·132 | 77·3 | 73·2 | 84·4 | 71·6 | 141·3 | 70·2 | 0·764 | 82 | 120 | S E | 53 | ... | Cloudy day : fine night. |
| 14 | 30·023 | 0·113 | 76·6 | 72·5 | 85·5 | 69·9 | 145·1 | 66·9 | 0·745 | 82 | 149 | S E | 23 | ... | Fine. |
| 15 | 30·063 | 0·111 | 77·1 | 72·0 | 86·3 | 69·3 | 144·5 | 67·5 | 0·718 | 77 | 120 | E S E | 20 | ... | Do. |
| 16 | 30·078 | 0·131 | 77·8 | 72·1 | 84·9 | 71·1 | 144·7 | 69·4 | 0·713 | 75 | 137 | East | 33 | ... | Fine with passing clouds. |
| 17 | 30·088 | 0·112 | 79·3 | 72·5 | 86·1 | 74·7 | 143·5 | 72·7 | 0·709 | 71 | 182 | E N E | 27 | ... | Do. |
| 18 | 30·093 | 0·105 | 78·1 | 71·4 | 86·2 | 73·9 | 147·4 | 72·1 | 0·680 | 71 | 190 | NE by E | 30 | ... | Do. |
| 19 | 30·097 | 0·100 | 77·3 | 68·9 | 86·6 | 67·9 | 141·6 | 64·9 | 0·595 | 63 | 202 | NE by E | 37 | ... | Do. |
| 20 | 30·045 | 0·118 | 77·0 | 69·8 | 85·7 | 70·4 | 144·4 | 67·2 | 0·633 | 68 | 210 | N E | 53 | ... | Light passing clouds. |
| 21 | 30·030 | 0·140 | 77·3 | 69·9 | 86·6 | 70·1 | 144·7 | 67·9 | 0·633 | 68 | 193 | N E | 33 | ... | Fine with light clouds. |
| 22 | 30·014 | 0·121 | 77·8 | 69·9 | 85·6 | 70·9 | 143·4 | 68·4 | 0·627 | 65 | 182 | NE by E | 30 | ... | Fine with passing clouds. |
| 23 | 30·034 | 0·101 | 76·9 | 69·9 | 86·1 | 68·8 | 146·7 | 65·8 | 0·639 | 69 | 196 | E N E | 37 | ... | Do. |
| 24 | 30·050 | 0·110 | 78·5 | 71·0 | 86·0 | 73·9 | 144·2 | 71·8 | 0·659 | 68 | 267 | N E | 47 | ... | Passing clouds. |
| 25 | 30·027 | 0·134 | 77·1 | 69·9 | 85·0 | 72·0 | 145·3 | 69·8 | 0·636 | 68 | 224 | NE by N | 50 | ... | Do. |
| 26 | 30·020 | 0·137 | 75·4 | 67·8 | 85·5 | 66·0 | 143·3 | 62·5 | 0·580 | 66 | 120 | N E | 40 | ... | Do. |
| 27 | 30·056 | 0·112 | 75·7 | 67·8 | 86·5 | 65·1 | 143·7 | 62·7 | 0·575 | 65 | 148 | N E | 33 | ... | Fine with passing clouds. |
| 28 | 30·045 | 0·148 | 76·4 | 68·4 | 85·9 | 65·9 | 144·7 | 62·8 | 0·589 | 64 | 132 | N E | 37 | ... | Do. |
| 29 | 29·995 | 0·119 | 75·8 | 68·3 | 86·4 | 66·6 | 145·9 | 63·8 | 0·593 | 66 | 104 | NE by E | 40 | ... | Passing clouds. |
| 30 | 29·993 | 0·104 | 75·6 | 68·8 | 86·3 | 66·2 | 142·3 | 63·6 | 0·615 | 70 | 70 | E N E | 30 | ... | Fine with light clouds. |
| 31 | 29·999 | 0·081 | 76·5 | 69·0 | 86·6 | 66·5 | 143·9 | 63·9 | 0·609 | 67 | 58 | E by N | 33 | ... | Passing clouds. |
| Mean | 30·039 | 0·119 | 75·9 | 68·9 | 85·4 | 67·8 | 144·7 | 65·2 | 0·616 | 68 | 163 | NE by E | 36 | 0·01 | |

# Madras Meteorological Observations. 1877—February.

| February 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·914 | 0·097 | 76·5 | 68·3 | 86·1 | 67·2 | 145·8 | 64·0 | 0·583 | 63 | 95 | E S E | 17 | ... | Fine with light clouds. |
| 2 | 29·863 | 0·154 | 75·9 | 68·8 | 86·5 | 65·4 | 146·2 | 62·1 | 0·610 | 69 | 140 | S E | 13 | ... | Fine. |
| 3 | 29·865 | 0·141 | 78·1 | 71·4 | 85·3 | 70·7 | 143·5 | 67·6 | 0·680 | 71 | 189 | S E | 50 | ... | Passing clouds. |
| 4 | 29·824 | 0·156 | 79·8 | 73·4 | 89·5 | 73·3 | 143·2 | 70·1 | 0·738 | 72 | 208 | SE by S | 47 | ... | Do. |
| 5 | 29·812 | 0·154 | 81·2 | 73·7 | 92·2 | 75·7 | 143·5 | 73·9 | 0·732 | 69 | 219 | S S E | 37 | ... | Fine with light clouds. |
| 6 | 29·856 | 0·109 | 80·0 | 74·4 | 86·7 | 76·1 | 143·8 | 74·4 | 0·777 | 76 | 239 | S S E | 37 | ... | Do. |
| 7 | 29·875 | 0·155 | 80·0 | 74·1 | 87·7 | 73·5 | 144·2 | 70·7 | 0·764 | 74 | 203 | S S E | 33 | ... | Fine with passing clouds. |
| 8 | 29·919 | 0·136 | 79·7 | 72·4 | 90·3 | 74·2 | 146·5 | 71·7 | 0·699 | 69 | 160 | S S E | 43 | ... | Passing clouds. |
| 9 | 29·931 | 0·115 | 78·8 | 71·6 | 88·0 | 71·2 | 147·7 | 67·8 | 0·679 | 69 | 149 | S E | 47 | ... | Do. |
| 10 | 29·970 | 0·112 | 77·7 | 70·3 | 86·3 | 69·1 | 143·8 | 65·7 | 0·643 | 67 | 132 | E S E | 23 | ... | Fine with passing clouds. |
| 11 | 29·967 | 0·120 | 78·6 | 70·4 | 87·6 | 70·6 | 146·3 | 68·3 | 0·635 | 64 | 183 | S E | 30 | ... | Fine with light clouds. |
| 12 | 29·932 | 0·158 | 78·9 | 71·2 | 87·4 | 71·2 | 146·5 | 68·7 | 0·662 | 67 | 222 | SE by S | 27 | ... | Do. |
| 13 | 29·947 | 0·111 | 78·5 | 71·8 | 87·4 | 71·7 | 148·9 | 68·5 | 0·691 | 71 | 196 | S E | 30 | ... | Do. |
| 14 | 30·043 | 0·089 | 78·8 | 71·5 | 86·6 | 71·6 | 148·0 | 69·0 | 0·675 | 69 | 146 | SE by E | 30 | ... | Fine with passing clouds. |
| 15 | 30·066 | 0·134 | 81·2 | 72·1 | 88·1 | 76·9 | 148·8 | 74·6 | 0·667 | 62 | 192 | East | 33 | ... | Do. |
| 16 | 30·048 | 0·115 | 79·6 | 71·7 | 88·2 | 70·4 | 148·9 | 67·4 | 0·671 | 66 | 182 | E N E | 37 | ... | Do. |
| 17 | 30·067 | 0·097 | 81·2 | 72·1 | 88·3 | 75·9 | 149·2 | 73·4 | 0·667 | 62 | 214 | E by N | 27 | .. | Do. |
| 18 | 30·092 | 0·116 | 79·0 | 70·8 | 88·5 | 73·6 | 146·6 | 70·6 | 0·646 | 65 | 210 | E by N | 30 | ... | Do. |
| 19 | 30·103 | 0·131 | 78·2 | 69·5 | 88·0 | 68·4 | 146·6 | 65·7 | 0·605 | 62 | 159 | E by N | 47 | ... | Do. |
| 29 | 30·115 | 0·094 | 78·4 | 70·3 | 86·6 | 68·9 | 144·4 | 65·8 | 0·634 | 65 | 129 | E by N | 43 | ... | Passing clouds. |
| 21 | 30·063 | 0·118 | 78·2 | 70·3 | 87·0 | 69·4 | 146·0 | 66·6 | 0·635 | 65 | 150 | E by N | 53 | ... | Fine day : cloudy night. |
| 22 | 30·059 | 0·089 | 78·6 | 69·8 | 87·9 | 71·6 | 148·1 | 68·0 | 0·612 | 62 | 121 | East | 17 | ... | Fine. |
| 23 | 30·014 | 0·149 | 77·9 | 69·5 | 87·2 | 68·2 | 147·8 | 65·6 | 0·609 | 63 | 103 | East | 10 | ... | Do. |
| 24 | 30·037 | 0·097 | 77·6 | 69·4 | 86·3 | 68·2 | 147·4 | 65·3 | 0·610 | 64 | 131 | E by N | 27 | ... | Fine with passing clouds. |
| 25 | 30·039 | 0·124 | 78·4 | 69·1 | 87·3 | 68·9 | 146·6 | 65·6 | 0·588 | 60 | 192 | E N E | 30 | .. | Do. |
| 26 | 30·048 | 0·122 | 78·5 | 69·1 | 87·7 | 68·3 | 147·9 | 65·4 | 0·587 | 60 | 146 | E N E | 27 | ... | Do. |
| 27 | 30·032 | 0·122 | 78·4 | 68·0 | 88·5 | 67·7 | 149·4 | 65·2 | 0·546 | 56 | 174 | N E | 27 | ... | Do. |
| 28 | 30·025 | 0·121 | 76·7 | 67·0 | 86·6 | 67·2 | 146·4 | 64·2 | 0·533 | 58 | 102 | E N E | 20 | ... | Fine. |
| Mean | 29·984 | 0·123 | 78·7 | 70·8 | 87·6 | 70·9 | 146·5 | 68·1 | 0·649 | 66 | 167 | E S E | 32 | *Nil.* | |

# Madras Meteorological Observations. 1877—March.

| March 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·020 | 0·109 | 78·0 | 68·9 | 89·7 | 67·5 | 148·8 | 65·1 | 0·586 | 61 | 123 | East | 13 | ... | Fine. |
| 2 | 30·016 | 0·123 | 78·5 | 70·3 | 88·3 | 68·5 | 148·0 | 65·5 | 0·633 | 64 | 118 | E by N | 13 | ... | Do. |
| 3 | 30·011 | 0·127 | 78·3 | 69·8 | 88·8 | 67·6 | 149·1 | 64·7 | 0·616 | 63 | 114 | E by N | 3 | ... | Clear. |
| 4 | 29·957 | 0·118 | 79·0 | 70·8 | 88·7 | 70·1 | 147·8 | 67·9 | 0·644 | 65 | 156 | E S E | 27 | ... | Fine. |
| 5 | 29·911 | 0·145 | 79·1 | 70·4 | 89·9 | 70·1 | 148·2 | 67·7 | 0·629 | 62 | 203 | SE by S | 10 | ... | Do. |
| 6 | 29·956 | 0·121 | 79·3 | 71·4 | 88·1 | 71·0 | 147·1 | 67·7 | 0·664 | 66 | 177 | S S E | 13 | ... | Do. |
| 7 | 29·997 | 0·136 | 78·7 | 71·0 | 88·8 | 70·8 | 147·3 | 67·7 | 0·657 | 67 | 123 | SE by E | 47 | ... | Passing clouds. |
| 8 | 29·962 | 0·141 | 78·9 | 71·8 | 89·4 | 69·1 | 148·5 | 65·9 | 0·686 | 70 | 112 | SE by E | 3 | ... | Clear. |
| 9 | 29·937 | 0·142 | 77·9 | 70·9 | 88·3 | 68·3 | 146·9 | 64·9 | 0·664 | 70 | 123 | S E | 7 | ... | Fine. |
| 10 | 29·953 | 0·130 | 77·0 | 69·5 | 88·7 | 67·3 | 149·2 | 64·7 | 0·621 | 67 | 108 | S E | 7 | ... | Do. |
| 11 | 29·921 | 0·137 | 75·7 | 66·4 | 87·3 | 64·8 | 149·2 | 60·7 | 0·525 | 59 | 152 | S E | 0 | ... | Clear. |
| 12 | 29·952 | 0·112 | 77·0 | 68·0 | 86·0 | 64·8 | 148·9 | 61·5 | 0·566 | 61 | 166 | S E | 3 | ... | Do. |
| 13 | 29·991 | 0·111 | 79·4 | 72·3 | 89·1 | 69·8 | 142·5 | 66·8 | 0·699 | 70 | 209 | E S E | 20 | ... | Fine. |
| 14 | 29·983 | 0·123 | 80·6 | 74·3 | 88·7 | 74·4 | 143·5 | 72·7 | 0·765 | 73 | 151 | E S E | 58 | ... | Passsing clouds. |
| 15 | 29·952 | 0·135 | 81·8 | 74·7 | 88·4 | 76·9 | 143·3 | 75·0 | 0·766 | 71 | 218 | SE by E | 43 | ... | Do. |
| 16 | 29·973 | 0·138 | 79·9 | 73·6 | 86·7 | 73·0 | 131·8 | 70·8 | 0·745 | 73 | 141 | E S E | 67 | ... | Cloudy. |
| 17 | 29·954 | 0·123 | 81·2 | 74·2 | 90·6 | 74·7 | 146·0 | 73·0 | 0·753 | 71 | 166 | E S E | 67 | ... | Passing clouds. |
| 18 | 29·967 | 0·098 | 81·2 | 74·4 | 90·8 | 75·0 | 145·1 | 74·0 | 0·761 | 71 | 163 | E S E | 50 | ... | Do. |
| 19 | 29·945 | 0·115 | 81·3 | 73·7 | 89·8 | 73·2 | 149·1 | 70·9 | 0·731 | 69 | 186 | S E | 23 | ... | Fine with light clouds. |
| 20 | 29·939 | 0·107 | 81·0 | 72·8 | 90·6 | 72·6 | 149·6 | 69·6 | 0·697 | 66 | 178 | S E | 7 | ... | Clear. |
| 21 | 29·911 | 0·146 | 79·5 | 71·3 | 90·7 | 69·7 | 143·5 | 66·8 | 0·658 | 66 | 170 | SE by S | 7 | ... | Fine. |
| 22 | 29·894 | 0·111 | 79·2 | 70·3 | 89·4 | 69·1 | 143·8 | 66·1 | 0·624 | 61 | 198 | SE by S | 0 | ... | Clear. |
| 23 | 29·947 | 0·112 | 79·3 | 70·0 | 87·7 | 69·9 | 140·6 | 66·9 | 0·610 | 60 | 160 | SE by S | 10 | ... | Fine. |
| 24 | 29·949 | 0·140 | 79·1 | 70·6 | 87·5 | 70·1 | 135·4 | 67·8 | 0·636 | 64 | 181 | SE by E | 17 | ... | Do. |
| 25 | 29·908 | 0·154 | 80·7 | 74·0 | 90·0 | 72·0 | 135·1 | 70·3 | 0·751 | 72 | 210 | S E | 10 | ... | Do. |
| 26 | 29·882 | 0·146 | 81·9 | 75·9 | 89·9 | 76·2 | 134·0 | 74·1 | 0·815 | 75 | 234 | SE by S | 23 | ... | Fine with passing clouds. |
| 27 | 29·906 | 0·127 | 81·6 | 74·6 | 89·6 | 73·4 | 141·4 | 70·8 | 0·764 | 71 | 197 | S E | 17 | ... | Fine. |
| 28 | 29·877 | 0·142 | 82·3 | 75·8 | 91·5 | 74·7 | 136·8 | 72·5 | 0·805 | 73 | 242 | S E | 27 | ... | Fine with light clouds. |
| 29 | 29·874 | 0·140 | 82·3 | 77·6 | 87·7 | 80·2 | 134·3 | 78·9 | 0·885 | 80 | 232 | SE by S | 73 | 0·03 | Cloudy. |
| 30 | 29·882 | 0·151 | 82·7 | 76·5 | 90·3 | 78·4 | 133·8 | 76·6 | 0·830 | 74 | 291 | SE by S | 70 | ... | Cloudy : lg. W. |
| 31 | 29·909 | 0·128 | 82·7 | 75·3 | 90·2 | 79·2 | 136·8 | 78·0 | 0·778 | 69 | 248 | S E | 60 | ... | Passing clouds. |
| Mean | 29·943 | 0·129 | 79·8 | 72·3 | 89·1 | 71·7 | 143·5 | 69·2 | 0·696 | 68 | 176 | SE by E | 26 | 0·03 | |

## Madras Meteorological Observations. 1877—April.

| April 1877 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·965 | 0·118 | 83·3 | 74·6 | 90·9 | 79·2 | 143·2 | 77·9 | 0·740 | 65 | 231 | SE by E | 33 | ... | Fine with passing clouds. |
| 2 | 30·007 | 0·102 | 83·1 | 75·0 | 91·8 | 75·9 | 140·4 | 74·0 | 0·761 | 67 | 196 | East | 40 | ... | Passing clouds. |
| 3 | 29·984 | 0·121 | 84·5 | 76·2 | 91·2 | 79·3 | 135·2 | 78·0 | 0·793 | 67 | 194 | E by S | 47 | ... | Do. |
| 4 | 29·995 | 0·123 | 84·2 | 76·0 | 91·5 | 79·7 | 141·7 | 78·4 | 0·788 | 67 | 216 | E by S | 30 | ... | Fine with passing clouds. |
| 5 | 29·924 | 0·148 | 83·0 | 75·5 | 92·2 | 76·2 | 147·4 | 75·0 | 0·783 | 69 | 170 | E S E | 45 | ... | Light passing clouds. |
| 6 | 29·891 | 0·155 | 83·1 | 75·8 | 91·4 | 77·0 | 139·6 | 74·9 | 0·794 | 70 | 191 | S E | 50 | ... | Do. |
| 7 | 29·846 | 0·148 | 83·6 | 76·9 | 90·9 | 78·2 | 138·4 | 76·3 | 0·835 | 73 | 248 | S E | 53 | ... | Passing clouds. |
| 8 | 29·806 | 0·179 | 84·4 | 78·1 | 91·0 | 80·6 | 136·4 | 79·7 | 0·878 | 74 | 282 | S S E | 63 | ... | Do. |
| 9 | 29·846 | 0·117 | 85·1 | 78·7 | 91·6 | 81·0 | 141·3 | 79·9 | 0·895 | 74 | 302 | SE by S | 60 | ... | Do. |
| 10 | 29·905 | 0·099 | 83·5 | 77·7 | 91·1 | 79·5 | 140·6 | 77·9 | 0·873 | 76 | 272 | SE by S | 73 | ... | Cloudy. |
| 11 | 29·927 | 0·144 | 84·1 | 77·2 | 90·7 | 80·0 | 142·8 | 78·7 | 0·841 | 72 | 275 | S E | 40 | ... | Fine with light clouds. |
| 12 | 29·906 | 0·156 | 84·3 | 76·0 | 90·6 | 79·3 | 139·6 | 77·8 | 0·787 | 67 | 221 | S E | 23 | ... | Fine. |
| 13 | 29·908 | 0·137 | 82·3 | 74·3 | 91·4 | 75·0 | 139·2 | 72·5 | 0·742 | 67 | 196 | S E | 22 | ... | Fine with light clouds. |
| 14 | 29·923 | 0·131 | 82·9 | 74·8 | 91·3 | 75·4 | 141·6 | 72·7 | 0·755 | 67 | 180 | S E | 27 | ... | Fine with passing clouds. |
| 15 | 29·928 | 0·125 | 82·6 | 74·8 | 93·2 | 73·8 | 147·7 | 71·1 | 0·758 | 68 | 164 | SE by E | 40 | ... | Passing clouds. |
| 16 | 29·938 | 0·112 | 82·4 | 74·5 | 91·0 | 74·8 | 145·8 | 72·4 | 0·748 | 67 | 165 | SE by E | 27 | .. | Fine. |
| 17 | 29·930 | 0·112 | 82·3 | 73·3 | 91·1 | 72·8 | 141·8 | 71·6 | 0·700 | 63 | 193 | SE by E | 27 | ... | Fine with passing clouds. |
| 18 | 29·925 | 0·130 | 82·1 | 74·5 | 91·3 | 74·3 | 134·4 | 71·8 | 0·753 | 69 | 175 | SE by E | 23 | ... | Fine. |
| 19 | 29·932 | 0·134 | 83·2 | 74·7 | 92·2 | 75·6 | 134·8 | 73·3 | 0·746 | 65 | 147 | SE by E | 20 | ... | Do. |
| 20 | 29·895 | 0·104 | 83·5 | 75·2 | 93·4 | 74·8 | 130·1 | 72·2 | 0·764 | 66 | 199 | S E | 17 | ... | Do. |
| 21 | 29·857 | 0·117 | 84·0 | 75·4 | 91·4 | 77·0 | 136·4 | 74·8 | 0·766 | 66 | 246 | SE by S | 17 | ... | Do. |
| 22 | 29·807 | 0·124 | 82·9 | 75·3 | 91·5 | 75·0 | 129·4 | 72·5 | 0·776 | 69 | 229 | SE by S | 20 | .. | Fine with light clouds. |
| 23 | 29·806 | 0·123 | 83·0 | 75·2 | 90·7 | 76·2 | 131·9 | 73·8 | 0·770 | 68 | 202 | SE by S | 33 | ... | Fine with passing clouds. |
| 24 | 29·830 | 0·128 | 82·4 | 74·9 | 91·1 | 74·6 | 139·6 | 71·8 | 0·765 | 69 | 153 | SE by E | 57 | ... | Light passing clouds. |
| 25 | 29·822 | 0·128 | 83·1 | 75·1 | 92·5 | 74·0 | 141·5 | 71·6 | 0·765 | 67 | 161 | SE by E | 50 | ... | Fine with passing clouds. |
| 26 | 29·792 | 0·124 | 83·4 | 75·6 | 92·9 | 76·4 | 141·8 | 73·6 | 0·782 | 68 | 183 | SE by E | 60 | ... | Light passing clouds. |
| 27 | 29·813 | 0·120 | 83·1 | 75·2 | 91·9 | 74·9 | 137·2 | 72·0 | 0·769 | 67 | 162 | S E | 20 | ... | Fine. |
| 28 | 29·849 | 0·099 | 83·3 | 75·1 | 91·6 | 74·3 | 132·1 | 71·6 | 0·762 | 66 | 183 | S E | 20 | ... | Fine with light clouds. |
| 29 | 29·842 | 0·120 | 83·6 | 76·2 | 92·4 | 75·9 | 130·0 | 73·7 | 0·805 | 69 | 199 | SE by E | 3 | ... | Clear. |
| 30 | 29·856 | 0·104 | 84·5 | 75·8 | 93·1 | 74·8 | 132·8 | 72·5 | 0·775 | 65 | 155 | E S E | 40 | ... | Fine with passing clouds. |
| Mean | 29·889 | 0·126 | 83·4 | 75·6 | 91·6 | 76·5 | 138·5 | 74·5 | 0·782 | 68 | 203 | SEby E | 36 | *Nil.* | |

# Madras Meteorological Observations. 1877—May.

| May 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·833 | 0·105 | 84·2 | 75·1 | 93·0 | 76·7 | 134·7 | 74·2 | 0·750 | 64 | 205 | S E | 20 | ... | Fine. |
| 2 | 29·811 | 0·122 | 83·0 | 74·4 | 91·5 | 75·4 | 133·9 | 72·1 | 0·737 | 65 | 203 | S E | 10 | ... | Do. |
| 3 | 29·852 | 0·086 | 84·5 | 76·3 | 92·1 | 77·4 | 130·9 | 74·9 | 0·797 | 67 | 215 | SE by S | 20 | ... | Do. |
| 4 | 29·865 | 0·117 | 83·6 | 77·2 | 93·0 | 75·7 | 140·0 | 72·9 | 0·848 | 73 | 222 | S E | 30 | ... | Fine with light clouds. |
| 5 | 29·825 | 0·128 | 84·9 | 76·3 | 96·7 | 77·4 | 142·9 | 74·7 | 0·792 | 66 | 225 | S S E | 40 | ... | Light passing clouds. |
| 6 | 29·780 | 0·162 | 85·7 | 77·4 | 96·7 | 78·2 | 129·5 | 75·8 | 0·829 | 67 | 243 | S S E | 20 | ... | Fine. |
| 7 | 29·765 | 0·102 | 86·2 | 78·7 | 92·6 | 81·9 | 137·5 | 80·6 | 0·881 | 70 | 268 | S S E | 87 | ... | Cloudy. |
| 8 | 29·826 | 0·112 | 85·6 | 78·2 | 92·8 | 82·6 | 134·1 | 81·6 | 0·866 | 70 | 267 | SE by S | 47 | ... | Fine with passing clouds. |
| 9 | 29·846 | 0·136 | 83·3 | 75·8 | 91·9 | 76·0 | 138·0 | 73·5 | 0·792 | 69 | 169 | S E | 33 | ... | Fine with light clouds. |
| 10 | 29·829 | 0·106 | 83·8 | 75·6 | 90·8 | 76·0 | 146·4 | 73·0 | 0·776 | 67 | 184 | SE by S | 40 | ... | Passing clouds. |
| 11 | 29·774 | 0·139 | 85·0 | 76·9 | 93·3 | 77·1 | 141·4 | 74·0 | 0·817 | 68 | 208 | SE by S | 40 | ... | Light passing clouds. |
| 12 | 29·794 | 0·122 | 84·0 | 77·2 | 93·0 | 76·6 | 140·7 | 73·6 | 0·845 | 72 | 200 | SE by S | 57 | ... | Do. |
| 13 | 29·804 | 0·082 | 84·7 | 77·1 | 94·2 | 77·4 | 138·7 | 74·6 | 0·830 | 70 | 128 | S E | 60 | ... | Do. |
| 14 | 29·784 | 0·113 | 82·4 | 75·3 | 91·5 | 76·3 | 119·7 | 73·6 | 0·783 | 71 | 50 | S E | 88 | ... | Cloudy. |
| 15 | 29·730 | 0·090 | 83·8 | 72·3 | 91·8 | 75·2 | 113·3 | 72·7 | 0·639 | 55 | 200 | N N E | 97 | 0·48 | Overcast : threatening : th. and lg. |
| 16 | 29·669 | 0·091 | 77·1 | 74·8 | 83·1 | 77·5 | 101·2 | 76·8 | 0·833 | 90 | 324 | N by W | 100 | 1·52 | Overcast and stormy : th. and lg. |
| 17 | 29·554 | 0·098 | 76·1 | 74·8 | 78·1 | 75·1 | 91·7 | 74·6 | 0·846 | 94 | 540 | N N W | 100 | 6·17 | Stormy : lg. |
| 18 | 29·502 | 0·064 | 75·8 | 74·3 | 77·1 | 75·2 | ... | 67·6 | 0·829 | 93 | 612 | West | 100 | 13·01 | Cyclone : very heavy rain. |
| 19 | 29·682 | 0·074 | 81·6 | 75·8 | 90·2 | 75·9 | 138·3 | 72·9 | 0·815 | 76 | 337 | S by W | 90 | 0·01 | Cloudy. |
| 20 | 29·794 | 0·113 | 83·6 | 77·1 | 92·4 | 78·2 | 142·5 | 76·7 | 0·844 | 73 | 227 | South | 30 | ... | Fine with light clouds. |
| 21 | 29·850 | 0·113 | 85·2 | 79·1 | 95·8 | 79·1 | 147·4 | 77·6 | 0·913 | 75 | 182 | South | 53 | ... | Passing clouds. |
| 22 | 29·853 | 0·172 | 84·4 | 78·5 | 91·3 | 80·3 | 146·3 | 79·2 | 0·896 | 76 | 231 | South | 47 | 0·08 | Passing clouds : th. & lg. |
| 23 | 29·832 | 0·135 | 85·4 | 77·5 | 100·3 | 78·8 | 147·4 | 77·8 | 0·838 | 68 | 171 | S S W | 38 | ... | Fine with passing clouds : th. |
| 24 | 29·806 | 0·137 | 87·0 | 78·9 | 100·7 | 80·8 | 144·1 | 79·7 | 0·880 | 69 | 242 | S by W | 23 | ... | Fine : lg. S. W. |
| 25 | 29·787 | 0·141 | 88·9 | 78·6 | 107·3 | 80·6 | 141·8 | 79·9 | 0·840 | 62 | 265 | SW by S | 30 | ... | Fine lg. W. |
| 26 | 29·741 | 0·099 | 89·1 | 78·3 | 106·2 | 81·5 | 136·0 | 79·6 | 0·824 | 60 | 235 | S S W | 27 | ... | Fine : lg. S. W |
| 27 | 29·762 | 0·138 | 88·5 | 77·9 | 104·7 | 82·6 | 141·1 | 81·6 | 0·814 | 61 | 253 | S S W | 17 | ... | Do. : do. |
| 28 | 29·776 | 0·131 | 87·7 | 79·5 | 105·5 | 80·8 | 136·8 | 79·3 | 0·897 | 69 | 240 | S by W | 37 | ... | Fine with light clouds : lg. W. & S. |
| 29 | 29·819 | 0·108 | 87·4 | 79·0 | 104·7 | 80·7 | 137·7 | 79·6 | 0·878 | 67 | 215 | S by E | 37 | ... | Fine with light clouds. |
| 30 | 29·813 | 0·145 | 87·6 | 78·8 | 103·6 | 80·7 | 141·4 | 79·6 | 0·867 | 67 | 252 | S by E | 20 | ... | Fine : lg. S. W. |
| 31 | 29·826 | 0·116 | 87·0 | 77·2 | 102·1 | 81·4 | 141·7 | 80·1 | 0·803 | 62 | 232 | South | 47 | ... | Passing clouds. |
| Mean | 29·780 | 0·116 | 84·4 | 76·9 | 94·8 | 78·4 | 135·2 | 76·3 | 0·826 | 70 | 243 | South | 48 | 21·27 | |

*Note.*—A heavy Cyclone reached the coast to the north of Masulipatam on the 19th. The greatest hourly velocity of the wind at Madras was 34 miles at 2 P.M. on the 18th when the direction was from W. S. W., and the lowest reduced barometric reading was 29·43 at 4 P.M. on the same day. For an account of the Cyclone, see "Report on the Madras Cyclone of 1877" by J. Eliot.

# Madras Meteorological Observations. 1877—June.

| June 1877 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·777 | 0·105 | 87·5 | 77·2 | 103·5 | 81·7 | 140·8 | 80·8 | 0·796 | 61 | 218 | S by W | 20 | ... | Fine. |
| 2 | 29·733 | 0·089 | 87·5 | 77·1 | 101·6 | 80·6 | 135·1 | 79·8 | 0·791 | 61 | 229 | South | 20 | ... | Do. |
| 3 | 29·731 | 0·119 | 88·0 | 77·9 | 100·4 | 81·0 | 147·8 | 80·2 | 0·821 | 62 | 201 | South | 20 | ... | Do. |
| 4 | 29·733 | 0·107 | 87·3 | 78·2 | 101·5 | 82·5 | 142·6 | 81·9 | 0·844 | 65 | 221 | South | 37 | ... | Fine with passing clouds: lg. S. W. |
| 5 | 29·762 | 0·095 | 88·0 | 78·2 | 97·3 | 82·0 | 144·0 | 81·5 | 0·834 | 63 | 195 | S by E | 43 | ... | Fine with light clouds: lg. S. W. |
| 6 | 29·763 | 0·138 | 85·8 | 76·7 | 94·9 | 80·6 | 145·9 | 79·9 | 0·797 | 65 | 221 | S by E | 47 | ... | Light passing clouds: lg. N. E. |
| 7 | 29·804 | 0·125 | 85·3 | 77·3 | 91·8 | 80·9 | 143·7 | 80·4 | 0·830 | 68 | 315 | S by E | 20 | ... | Fine. |
| 8 | 29·782 | 0·145 | 85·1 | 77·4 | 91·2 | 80·2 | 142·7 | 79·8 | 0·837 | 69 | 292 | S by E | 50 | ... | Fine with passing clouds. |
| 9 | 29·786 | 0·136 | 85·1 | 76·5 | 99·6 | 80·1 | 141·8 | 79·6 | 0·798 | 66 | 271 | South | 57 | ... | Passing clouds: lg. |
| 10 | 29·793 | 0·151 | 83·1 | 76·7 | 91·6 | 81·4 | 125·9 | 80·6 | 0·833 | 74 | 139 | S S E | 83 | 0·11 | Cloudy: th. and lg. W. and N. |
| 11 | 29·753 | 0·103 | 82·8 | 77·8 | 91·9 | 76·2 | 134·4 | 75·8 | 0·887 | 79 | 96 | SW by S | 82 | 1·11 | Cloudy: thunderstorm at 11 P.M. |
| 12 | 29·764 | 0·108 | 81·4 | 77·1 | 88·8 | 73·2 | 141·3 | 73·8 | 0·874 | 82 | 140 | S by W | 85 | 0·21 | Cloudy: th. and lg. S. and W.: rain. |
| 13 | 29·810 | 0·076 | 82·4 | 75·6 | 94·0 | 78·5 | 142·2 | 75·7 | 0·795 | 72 | 197 | South | 73 | 0·49 | Cloudy: rain. |
| 14 | 29·815 | 0·114 | 83·2 | 76·5 | 94·8 | 77·9 | 141·9 | 76·8 | 0·823 | 73 | 201 | S by W | 77 | ... | Cloudy. |
| 15 | 29·828 | 0·121 | 85·8 | 76·7 | 100·4 | 80·4 | 144·3 | 79·2 | 0·797 | 65 | 200 | S by W | 40 | ... | Fine with passing clouds. |
| 16 | 29·758 | 0·133 | 88·7 | 76·8 | 103·1 | 80·9 | 145·5 | 79·7 | 0·762 | 56 | 212 | S W | 60 | ... | Passing clouds. |
| 17 | 29·762 | 0·061 | 85·0 | 76·8 | 95·9 | 79·9 | 137·7 | 83·0 | 0·812 | 67 | 259 | SW by S | 67 | ... | Do. |
| 18 | 29·802 | 0·083 | 85·5 | 75·0 | 95·9 | 81·4 | 141·0 | 80·5 | 0·728 | 59 | 272 | S S W | 80 | ... | Hazy and cloudy: lg. |
| 19 | 29·796 | 0·093 | 82·4 | 74·4 | 103·1 | 80·0 | 141·9 | 78·8 | 0·745 | 67 | 216 | SW by W | 80 | 0·25 | Cloudy: th. and lg. S. and W.: rain. |
| 20 | 29·775 | 0·121 | 86·3 | 77·2 | 97·6 | 78·2 | 140·3 | 76·8 | 0·812 | 65 | 204 | S S W | 57 | 0·02 | Light passing clouds. |
| 21 | 29·718 | 0·153 | 86·9 | 74·5 | 100·2 | 77·2 | 139·2 | 74·8 | 0·687 | 54 | 240 | SW by W | 77 | ... | Cloudy. |
| 22 | 29·710 | 0·137 | 90·1 | 75·3 | 102·0 | 81·0 | 145·3 | 79·4 | 0·678 | 47 | 262 | SW by W | 73 | ... | Do. |
| 23 | 29·711 | 0·140 | 91·4 | 74·6 | 102·1 | 82·7 | 144·0 | 81·7 | 0·631 | 43 | 297 | SW by W | 57 | ... | Passing clouds. |
| 24 | 29·694 | 0·155 | 87·9 | 76·9 | 101·4 | 83·0 | 143·5 | 81·7 | 0·779 | 59 | 231 | S W | 73 | 0·11 | Cloudy. |
| 25 | 29·701 | 0·099 | 87·5 | 75·3 | 98·6 | 79·7 | 141·3 | 77·5 | 0·714 | 55 | 196 | S W | 92 | 0·05 | Do. |
| 26 | 29·709 | 0·117 | 88·3 | 75·7 | 99·2 | 80·1 | 141·9 | 77·7 | 0·720 | 54 | 202 | West | 93 | ... | Do. |
| 27 | 29·730 | 0·130 | 90·8 | 73·9 | 99·9 | 83·0 | 140·3 | 81·7 | 0·609 | 42 | 282 | W by S | 85 | ... | Do. |
| 28 | 29·759 | 0·107 | 89·2 | 75·2 | 103·0 | 82·9 | 144·3 | 81·5 | 0·686 | 50 | 245 | W S W | 57 | ... | Passing clouds. |
| 29 | 29·783 | 0·112 | 88·1 | 74·7 | 103·3 | 83·0 | 144·4 | 81·5 | 0·680 | 51 | 235 | W S W | 47 | ... | Do. |
| 30 | 29·770 | 0·133 | 86·4 | 76·0 | 102·4 | 81·3 | 147·3 | 79·5 | 0·758 | 60 | 203 | SW by S | 57 | 0·01 | Do. |
| Mean | 29·760 | 0·117 | 86·4 | 76·3 | 98·4 | 80·4 | 141·7 | 79·4 | 0·772 | 62 | 223 | S S W | 60 | 2·36 | |

# Madras Meteorological Observations. 1877—July.

| July 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·739 | 0·143 | 89·7 | 76·0 | 103·4 | 82·3 | 148·2 | 80·9 | 0·714 | 51 | 249 | S W | 27 | ... | Fine with passing clouds. |
| 2 | 29·761 | 0·109 | 90·2 | 75·3 | 103·1 | 83·3 | 146·6 | 81·8 | 0·677 | 47 | 238 | SW by W | 43 | ... | Do. |
| 3 | 29·752 | 0·120 | 88·4 | 76·3 | 101·9 | 83·3 | 149·0 | 82·1 | 0·745 | 56 | 240 | S W | 50 | ... | Fine with light clouds. |
| 4 | 29·747 | 0·093 | 88·1 | 75·8 | 103·4 | 83·2 | 146·6 | 81·9 | 0·727 | 55 | 223 | S W | 37 | ... | Do. |
| 5 | 29·780 | 0·094 | 87·1 | 76·4 | 102·7 | 82·4 | 146·0 | 81·2 | 0·766 | 59 | 216 | S by W | 27 | ... | Do. |
| 6 | 29·803 | 0·095 | 87·0 | 77·2 | 103·5 | 81·7 | 144·4 | 79·7 | 0·803 | 62 | 233 | S by W | 40 | ... | Fine day : cloudy night. |
| 7 | 29·800 | 0·099 | 87·2 | 75·6 | 102·3 | 81·1 | 142·4 | 79·1 | 0·731 | 57 | 219 | S by W | 57 | ... | Passing clouds : lg. W. and N. |
| 8 | 29·769 | 0·114 | 88·6 | 77·5 | 104·7 | 82·8 | 141·2 | 81·9 | 0·795 | 59 | 228 | S by W | 53 | ... | Fine with passing clouds. |
| 9 | 29·790 | 0·119 | 88·8 | 76·2 | 103·8 | 82·0 | 143·1 | 81·2 | 0·735 | 54 | 245 | S S W | 50 | ... | Fine with light clouds. |
| 10 | 29·781 | 0·123 | 89·1 | 74·3 | 102·8 | 81·5 | 147·2 | 80·8 | 0·650 | 47 | 258 | S W | 53 | ... | Do. |
| 11 | 29·774 | 0·103 | 87·7 | 74·3 | 104·0 | 82·0 | 144·0 | 80·9 | 0·669 | 50 | 247 | S S W | 67 | ... | Light clouds. |
| 12 | 29·731 | 0·102 | 86·7 | 73·3 | 104·6 | 82·0 | 144·4 | 80·9 | 0·640 | 50 | 274 | SW by S | 77 | ... | Cloudy. |
| 13 | 29·696 | 0·162 | 86·2 | 74·2 | 101·8 | 82·4 | 146·4 | 81·0 | 0·685 | 55 | 270 | SW by S | 83 | ... | Do. |
| 14 | 29·740 | 0·107 | 87·2 | 74·2 | 103·5 | 82·8 | 143·7 | 81·7 | 0·672 | 52 | 267 | S S W | 60 | ... | Do. |
| 15 | 29·797 | 0·105 | 87·8 | 74·8 | 103·5 | 81·9 | 145·6 | 81·4 | 0·686 | 52 | 215 | S S W | 55 | 0·06 | Fine with light clouds. |
| 16 | 29·809 | 0·099 | 85·9 | 75·5 | 100·1 | 80·1 | 146·9 | 77·7 | 0·743 | 60 | 218 | South | 67 | ... | Passing clouds. |
| 17 | 29·802 | 0·120 | 85·5 | 75·6 | 101·8 | 81·6 | 141·6 | 80·0 | 0·754 | 61 | 254 | S S W | 87 | ... | Cloudy. |
| 18 | 29·783 | 0·119 | 86·2 | 74·1 | 101·6 | 81·1 | 143·8 | 80·9 | 0·681 | 55 | 262 | S S W | 73 | ... | Do. |
| 19 | 29·784 | 0·126 | 86·7 | 74·5 | 103·1 | 82·3 | 143·6 | 81·6 | 0·690 | 55 | 236 | S S W | 50 | ... | Fine with passing clouds. |
| 20 | 29·797 | 0·102 | 86·3 | 75·6 | 102·8 | 79·8 | 144·0 | 78·7 | 0·742 | 59 | 229 | South | 50 | ... | Do. |
| 21 | 29·811 | 0·087 | 86·9 | 75·7 | 101·1 | 81·2 | 145·6 | 80·5 | 0·738 | 58 | 224 | South | 60 | ... | Passing clouds. |
| 22 | 29·797 | 0·111 | 84·2 | 75·2 | 96·0 | 79·2 | 125·9 | 77·8 | 0·754 | 64 | 209 | S S W | 97 | 0·01 | Chiefly overcast. |
| 23 | 29·776 | 0·118 | 86·1 | 75·0 | 102·5 | 79·5 | 145·9 | 78·8 | 0·720 | 58 | 202 | South | 85 | ... | Cloudy. |
| 24 | 29·791 | 0·119 | 85·7 | 73·4 | 102·9 | 79·7 | 146·9 | 78·7 | 0·658 | 53 | 244 | S by W | 63 | ... | Do. |
| 25 | 29·809 | 0·110 | 84·2 | 75·1 | 100·9 | 79·5 | 143·4 | 79·0 | 0·750 | 64 | 212 | S by W | 73 | 0·46 | Cloudy with rain. |
| 26 | 29·773 | 0·149 | 82·8 | 76·3 | 97·1 | 78·3 | 144·0 | 77·1 | 0·820 | 73 | 153 | S S W | 97 | 0·31 | Chiefly overcast : rain. |
| 27 | 29·775 | 0·114 | 82·5 | 75·7 | 95·5 | 77·1 | 144·4 | 74·5 | 0·798 | 72 | 131 | S by W | 97 | 0·22 | Overcast : rain. |
| 28 | 29·766 | 0·124 | 82·1 | 76·5 | 97·3 | 77·2 | 145·0 | 75·6 | 0·839 | 77 | 168 | S by W | 90 | 0·08 | Cloudy. |
| 29 | 29·772 | 0·092 | 82·9 | 76·5 | 96·2 | 78·1 | 145·6 | 77·0 | 0·827 | 73 | 158 | S by W | 90 | 0·02 | Do. |
| 30 | 29·809 | 0·088 | 84·0 | 76·6 | 96·1 | 77·2 | 143·8 | 75·8 | 0·817 | 70 | 154 | South | 73 | 0·05 | Do. |
| 31 | 29·784 | 0·106 | 85·5 | 76·4 | 102·3 | 78·8 | 146·0 | 76·7 | 0·788 | 64 | 206 | S by W | 70 | 0·01 | Do. |
| Mean | 29·777 | 0·112 | 86·4 | 75·5 | 101·5 | 80·8 | 144·4 | 79·6 | 0·736 | 59 | 222 | S S W | 65 | 1·22 | |

# Madras Meteorological Observations. 1877—August.

| August 1877 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·799 | 0·147 | 83·9 | 76·3 | 100·1 | 80·3 | 146·5 | 79·4 | 0·806 | 69 | 223 | S by W | 93 | 0·28 | Cloudy: th. lg. and rain. |
| 2 | 29·767 | 0·069 | 80·4 | 74·7 | 95·2 | 76·7 | 142·5 | 74·9 | 0·784 | 75 | 189 | S S W | 100 | 0·02 | Overcast: th. and lg. |
| 3 | 29·750 | 0·140 | 82·6 | 75·8 | 96·7 | 74·9 | 139·7 | 73·8 | 0·801 | 72 | 211 | South | 67 | 0·02 | Passing clouds. |
| 4 | 29·783 | 0·142 | 84·5 | 75·8 | 98·2 | 77·6 | 145·4 | 76·0 | 0·775 | 65 | 238 | S by W | 80 | ... | Cloudy. |
| 5 | 29·796 | 0·142 | 83·8 | 74·8 | 101·0 | 80·3 | 144·5 | 79·0 | 0·742 | 64 | 238 | S S W | 70 | 0·46 | Passing clouds with rain. |
| 6 | 29·763 | 0·130 | 81·5 | 74·7 | 98·0 | 77·2 | 144·5 | 75·4 | 0·769 | 72 | 227 | S by W | 70 | 0·23 | Passing clouds: lg. W. |
| 7 | 29·768 | 0·142 | 82·7 | 74·5 | 96·4 | 76·8 | 142·1 | 74·8 | 0·745 | 66 | 231 | S S W | 63 | 0·06 | Cloudy day: fine night. |
| 8 | 29·786 | 0·138 | 83·5 | 74·0 | 100·0 | 77·6 | 145·8 | 75·6 | 0·713 | 62 | 230 | S W by S | 67 | ... | Passing clouds. |
| 9 | 29·782 | 0·143 | 88·6 | 73·9 | 103·1 | 80·3 | 145·5 | 78·5 | 0·639 | 48 | 280 | S W by W | 40 | ... | Fine with light clouds. |
| 10 | 29·784 | 0·159 | 86·9 | 73·6 | 102·1 | 79·9 | 150·3 | 78·1 | 0·651 | 51 | 206 | S W by S | 53 | 0·05 | Do. |
| 11 | 29·725 | 0·145 | 89·0 | 74·2 | 103·8 | 78·2 | 144·5 | 73·6 | 0·647 | 47 | 228 | S W by S | 47 | 0·04 | Passing clouds: lg. S. W. |
| 12 | 29·743 | 0·078 | 83·9 | 74·4 | 97·7 | 84·1 | 143·7 | 82·4 | 0·724 | 62 | 216 | S W | 97 | 0·25 | Overcast: rain. |
| 13 | 29·763 | 0·103 | 82·4 | 74·9 | 98·9 | 77·2 | 144·8 | 76·3 | 0·765 | 69 | 220 | S by W | 92 | 0·08 | Cloudy. |
| 14 | 29·809 | 0·104 | 84·0 | 73·8 | 95·4 | 77·8 | 145·5 | 76·4 | 0·698 | 60 | 177 | S W by S | 90 | ... | Do. |
| 15 | 29·784 | 0·116 | 83·5 | 75·0 | 101·2 | 78·3 | 146·9 | 77·2 | 0·755 | 65 | 213 | S by W | 80 | ... | Do. |
| 16 | 29·767 | 0·153 | 86·2 | 74·2 | 103·2 | 80·0 | 145·0 | 78·7 | 0·685 | 55 | 258 | S W by S | 57 | 0·06 | Fine day: cloudy night. |
| 17 | 29·807 | 0·100 | 84·3 | 74·7 | 101·6 | 80·0 | 137·1 | 78·7 | 0·732 | 62 | 232 | S S W | 63 | 0·15 | Cloudy. |
| 18 | 29·806 | 0·142 | 86·8 | 74·7 | 102·4 | 79·2 | 143·1 | 77·0 | 0·698 | 55 | 256 | S S W | 85 | 0·01 | Do. |
| 19 | 29·795 | 0·120 | 85·1 | 74·2 | 100·9 | 78·9 | 142·5 | 76·9 | 0·700 | 58 | 245 | S S W | 60 | ... | Passing clouds. |
| 20 | 29·787 | 0·095 | 85·1 | 73·4 | 97·8 | 79·0 | 142·7 | 77·9 | 0·666 | 55 | 240 | S by W | 40 | ... | Fine with passing clouds. |
| 21 | 29·826 | 0·141 | 86·1 | 75·7 | 101·0 | 78·2 | 144·9 | 77·5 | 0·749 | 60 | 217 | S by E | 40 | ... | Do. |
| 22 | 29·844 | 0·127 | 85·2 | 75·5 | 101·0 | 78·1 | 144·7 | 77·3 | 0·754 | 62 | 215 | S by W | 40 | 0·07 | Fine with passing clouds: lg. W. |
| 23 | 29·813 | 0·127 | 82·9 | 76·2 | 90·0 | 75·2 | 143·7 | 73·7 | 0·814 | 72 | 212 | S by W | 47 | 0·37 | Passing clouds: rain. |
| 24 | 29·807 | 0·105 | 84·6 | 77·0 | 91·9 | 78·5 | 140·1 | 77·6 | 0·827 | 70 | 213 | South | 40 | ... | Fine day: cloudy night. |
| 25 | 29·814 | 0·109 | 84·4 | 74·6 | 100·7 | 77·0 | 143·1 | 75·4 | 0·726 | 61 | 257 | S S W | 60 | 0·01 | Passing clouds. |
| 26 | 29·820 | 0·108 | 86·6 | 75·7 | 99·1 | 79·9 | 142·5 | 78·7 | 0·743 | 58 | 186 | South | 27 | ... | Fine with passing clouds. |
| 27 | 29·828 | 0·121 | 85·9 | 73·4 | 101·4 | 77·8 | 144·6 | 75·7 | 0·656 | 53 | 171 | South | 47 | ... | Passing clouds. |
| 28 | 29·760 | 0·144 | 86·2 | 74·9 | 100·7 | 78·9 | 142·5 | 77·5 | 0·717 | 57 | 232 | S S W | 60 | 0·03 | Do. |
| 29 | 29·732 | 0·123 | 86·4 | 74·8 | 98·8 | 79·9 | 142·7 | 78·5 | 0·707 | 57 | 230 | S W | 87 | ... | Cloudy. |
| 30 | 29·768 | 0·125 | 82·6 | 75·1 | 97·0 | 77·0 | 138·3 | 75·0 | 0·771 | 69 | 124 | N W | 100 | 0·22 | Overcast: th. lg. and rain. |
| 31 | 29·775 | 0·142 | 85·1 | 74·4 | 98·4 | 76·3 | 141·4 | 76·1 | 0·709 | 59 | 188 | W by S | 97 | 0·08 | Overcast. |
| Mean | 29·786 | 0·125 | 84·7 | 74·8 | 99·2 | 78·4 | 143·8 | 76·9 | 0·731 | 62 | 219 | S S W | 66 | 2·49 | |

## Madras Meteorological Observations. 1877—September.

| September 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·752 | 0·112 | 84·2 | 74·0 | 97·3 | 78·8 | 142·3 | 76·0 | 0·703 | 60 | 235 | S W | 47 | ... | Passing clouds. |
| 2 | 29·750 | 0·126 | 85·4 | 75·8 | 98·3 | 79·2 | 143·8 | 77·3 | 0·764 | 63 | 171 | S by W | 77 | 0·19 | Cloudy : rain. |
| 3 | 29·787 | 0·116 | 83·7 | 75·6 | 90·0 | 77·4 | 145·8 | 76·1 | 0·778 | 68 | 151 | W by N | 93 | ... | Cloudy. |
| 4 | 29·775 | 0·124 | 83·0 | 76·2 | 92·1 | 79·0 | 140·5 | 78·0 | 0·813 | 72 | 172 | W by S | 100 | 1·03 | Overcast with rain. |
| 5 | 29·763 | 0·112 | 82·5 | 76·1 | 94·8 | 76·6 | 146·7 | 75·8 | 0·815 | 73 | 183 | SWbyW | 83 | 0·06 | Cloudy : lg. S. W. |
| 6 | 29·739 | 0·133 | 83·2 | 77·1 | 97·9 | 77·2 | 143·8 | 75·9 | 0·850 | 75 | 240 | S S W | 83 | 0·63 | Cloudy : th. and lg. S. W. : rain. |
| 7 | 29·781 | 0·116 | 81·7 | 76·7 | 89·4 | 75·4 | 144·1 | 74·6 | 0·853 | 79 | 205 | S by W | 90 | 0·13 | Do. : do. : do. |
| 8 | 29·820 | 0·125 | 83·5 | 75·2 | 93·2 | 77·5 | 141·5 | 76·5 | 0·764 | 65 | 245 | S S W | 80 | ... | Cloudy : lg. S. W. |
| 9 | 29·863 | 0·139 | 83·2 | 76·2 | 96·0 | 77·3 | 141·3 | 75·4 | 0·810 | 71 | 230 | S by W | 70 | 0·13 | Passing clouds : lg. |
| 10 | 29·897 | 0·129 | 81·6 | 75·9 | 93·3 | 76·7 | 141·6 | 75·4 | 0·820 | 76 | 198 | S by W | 93 | ... | Cloudy ; lg. S. W. |
| 11 | 29·900 | 0·105 | 79·5 | 74·7 | 87·3 | 72·2 | 127·5 | 70·7 | 0·794 | 79 | 153 | S by W | 83 | 0·35 | Cloudy : rain. |
| 12 | 29·915 | 0·072 | 82·4 | 75·3 | 97·4 | 77·3 | 142·5 | 75·7 | 0·783 | 71 | 170 | S by W | 53 | ... | Passing clouds. |
| 13 | 29·937 | 0·114 | 82·3 | 75·2 | 95·5 | 75·4 | 143·5 | 72·5 | 0·780 | 71 | 154 | S S W | 33 | ... | Fine with passing clouds : lg. W. |
| 14 | 29·911 | 0·130 | 84·2 | 75·8 | 97·8 | 78·2 | 148·5 | 77·1 | 0·779 | 66 | 204 | S W by S | 60 | ... | Passing clouds. |
| 15 | 29·919 | 0·112 | 82·3 | 74·5 | 88·9 | 79·7 | 146·7 | 78·7 | 0·752 | 68 | 169 | S W | 77 | ... | Cloudy. |
| 16 | 29·890 | 0·151 | 83·2 | 75·5 | 94·1 | 77·4 | 144·5 | 75·6 | 0·781 | 69 | 172 | S by W | 47 | ... | Fine with passing clouds. |
| 17 | 29·873 | 0·116 | 83·3 | 75·0 | 95·2 | 78·4 | 143·9 | 77·2 | 0·758 | 66 | 190 | South | 27 | ... | Fine with passing clouds : lg. S. W. |
| 18 | 29·871 | 0·118 | 83·1 | 76·0 | 96·8 | 77·5 | 146·3 | 76·2 | 0·803 | 71 | 166 | South | 17 | ... | Fine : lg. W. |
| 19 | 29·873 | 0·108 | 84·7 | 77·1 | 95·0 | 77·7 | 143·9 | 75·2 | 0·830 | 70 | 130 | S E by E | 63 | ... | Cloudy. |
| 20 | 29·863 | 0·136 | 82·3 | 76·3 | 91·4 | 78·2 | 141·3 | 76·6 | 0·827 | 75 | 104 | S S E | 73 | 0·04 | Light clouds. |
| 21 | 29·804 | 0·111 | 83·7 | 76·6 | 93·2 | 79·2 | 141·5 | 77·3 | 0·821 | 72 | 123 | S by E | 50 | ... | Passing clouds : lg. W. |
| 22 | 29·794 | 0·112 | 84·1 | 77·2 | 92·6 | 77·8 | 144·9 | 75·8 | 0·841 | 72 | 91 | SE by E | 53 | ... | Light clouds : lg. S. |
| 23 | 29·782 | 0·130 | 84·9 | 77·8 | 93·1 | 77·5 | 143·3 | 75·6 | 0·859 | 72 | 109 | East | 40 | ... | Fine with passing clouds. |
| 24 | 29·804 | 0·105 | 81·2 | 77·2 | 88·2 | 76·4 | 143·5 | 74·8 | 0·881 | 83 | 96 | S E | 97 | 0·38 | Cloudy : lg. S. W. : rain. |
| 25 | 29·834 | 0·100 | 83·3 | 77·8 | 89·3 | 79·4 | 142·3 | 77·9 | 0·880 | 77 | 208 | SE by S | 67 | ... | Passing clouds : th. and lg. S. |
| 26 | 29·836 | 0·138 | 83·2 | 76·2 | 96·6 | 78·6 | 142·3 | 77·8 | 0·810 | 71 | 184 | S by W | 62 | 0·11 | Passing clouds : thunderstorm. |
| 27 | 29·851 | 0·124 | 82·0 | 76·9 | 90·0 | 75·6 | 145·3 | 73·7 | 0·858 | 79 | 119 | S S E | 43 | ... | Fine with passing clouds : lg. N. W. |
| 28 | 29·857 | 0·134 | 82·7 | 76·6 | 91·3 | 75·8 | 142·5 | 73·8 | 0·835 | 75 | 132 | S S E | 43 | 0·05 | Fine with passing clouds : th. & lg. N. |
| 29 | 29·892 | 0·113 | 82·0 | 77·0 | 89·7 | 78·1 | 145·0 | 76·3 | 0·862 | 79 | 98 | S E | 87 | 0·01 | Cloudy. |
| 30 | 29·917 | 0·152 | 79·9 | 75·7 | 87·5 | 77·3 | 143·8 | 75·1 | 0·833 | 81 | 143 | S S E | 90 | 0·04 | Do. |
| Mean | 29·842 | 0·120 | 82·9 | 76·1 | 93·1 | 77·4 | 143·1 | 75·8 | 0·811 | 72 | 165 | South | 66 | 3·15 | |

# Madras Meteorological Observations, 1877—October.

| October 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·914 | 0·153 | 82·9 | 76·5 | 92·9 | 77·0 | 142·0 | 75·7 | 0·827 | 73 | 199 | S S E | 27 | ... | Fine. |
| 2 | 29·899 | 0·132 | 84·1 | 77·5 | 94·1 | 78·0 | 143·3 | 76·7 | 0·856 | 74 | 219 | S S E | 18 | ... | Fine; lg. N. and N. W. |
| 3 | 29·945 | 0·143 | 81·9 | 75·1 | 94·8 | 74·4 | 142·2 | 74·7 | 0·781 | 72 | 153 | S S E | 50 | ... | Passing clouds. |
| 4 | 29·922 | 0·136 | 82·3 | 76·6 | 95·6 | 77·9 | 141·9 | 76·2 | 0·840 | 76 | 85 | SE by S | 50 | 0·87 | Passing clouds: rain: lg. S. W. |
| 5 | 29·884 | 0·141 | 83·0 | 77·9 | 94·5 | 76·2 | 141·5 | 74·8 | 0·889 | 79 | 112 | S by E | 30 | ... | Light clouds: fine night. |
| 6 | 29·897 | 0·104 | 83·2 | 77·4 | 90·1 | 77·0 | 140·6 | 75·4 | 0·863 | 76 | 169 | S E | 23 | ... | Fine with passing clouds. |
| 7 | 29·931 | 0·121 | 82·4 | 75·7 | 93·7 | 76·8 | 142·4 | 75·1 | 0·799 | 72 | 188 | S by E | 37 | ... | Fine with passing clouds: lg. |
| 8 | 29·913 | 0·148 | 83·8 | 75·7 | 96·3 | 78·2 | 141·4 | 77·0 | 0·781 | 68 | 227 | South | 30 | ... | Fine with passing clouds.: lg. S. W. |
| 9 | 29·911 | 0·133 | 83·4 | 76·4 | 92·7 | 78·3 | 144·3 | 77·8 | 0·816 | 71 | 170 | S by E | 47 | ... | Fine with passing cl.. lg. W. & S.W. |
| 10 | 29·900 | 0·126 | 84·4 | 77·9 | 95·8 | 79·8 | 140·3 | 78·9 | 0·869 | 74 | 177 | S by E | 63 | ... | Passing clouds: lg. W. and N. W. |
| 11 | 29·875 | 0·141 | 81·4 | 76·3 | 95·8 | 74·2 | 137·5 | 72·2 | 0·839 | 78 | 142 | S S W | 70 | 0·32 | Cloudy: lg.: rain. |
| 12 | 29·906 | 0·131 | 81·8 | 76·3 | 89·3 | 75·3 | 140·0 | 74·3 | 0·834 | 77 | 133 | S by E | 80 | ... | Cloudy: lg. S. W. |
| 13 | 29·985 | 0·112 | 78·8 | 75·9 | 81·1 | 77·9 | 101·5 | 77·1 | 0·856 | 87 | 66 | SE by S | 80 | 0·21 | Cloudy: rain. |
| 14 | 29·909 | 0·134 | 81·9 | 76·3 | 90·0 | 74·0 | 139·5 | 72·2 | 0·834 | 77 | 130 | SE by S | 33 | ... | Fine with passing clouds: lg. S. W. |
| 15 | 29·876 | 0·121 | 83·4 | 76·7 | 91·4 | 77·5 | 143·6 | 76·1 | 0·829 | 73 | 107 | SE by E | 40 | 0·01 | Passing clouds: lg. W. |
| 16 | 29·895 | 0·121 | 82·5 | 76·9 | 91·3 | 76·9 | 145·4 | 75·3 | 0·851 | 77 | 100 | E S E | 40 | ... | Fine with passing clouds. |
| 17 | 29·927 | 0·129 | 83·7 | 76·9 | 91·0 | 77·1 | 143·7 | 75·7 | 0·834 | 72 | 94 | E by S | 33 | 0·01 | Do. |
| 18 | 29·925 | 0·123 | 82·9 | 76·4 | 92·4 | 76·1 | 140·8 | 74·6 | 0·823 | 73 | 106 | East | 30 | 0·01 | Do. |
| 19 | 29·918 | 0·150 | 84·2 | 77·2 | 92·9 | 76·8 | 149·1 | 75·6 | 0·840 | 72 | 78 | E S E | 57 | ... | Passing clouds: th. |
| 20 | 29·907 | 0·135 | 83·4 | 76·6 | 92·7 | 77·1 | 140·5 | 75·9 | 0·825 | 72 | 123 | East | 43 | ... | Passing clouds. |
| 21 | 29·896 | 0·119 | 83·3 | 76·2 | 92·7 | 76·6 | 141·1 | 74·8 | 0·809 | 71 | 113 | E N E | 67 | ... | Cloudy. |
| 22 | 29·908 | 0·106 | 82·5 | 75·9 | 91·5 | 76·5 | 143·4 | 74·6 | 0·807 | 73 | 81 | East | 60 | ... | Passing clouds. |
| 23 | 29·891 | 0·118 | 79·0 | 75·7 | 88·4 | 75·8 | 137·4 | 73·5 | 0·845 | 85 | 83 | East | 82 | 0·94 | Cloudy: rain. |
| 24 | 29·906 | 0·114 | 80·7 | 75·4 | 89·5 | 75·2 | 141·2 | 73·8 | 0·810 | 77 | 82 | East | 67 | 0·02 | Cloudy: th. and lg. W. |
| 25 | 29·938 | 0·098 | 78·4 | 75·6 | 84·3 | 74·2 | 135·4 | 73·6 | 0·849 | 87 | 69 | N by E | 77 | 0·63 | Cloudy: rain: lg. S. W. |
| 26 | 29·957 | 0·146 | 78·3 | 75·2 | 86·7 | 74·8 | 141·3 | 73·6 | 0·834 | 86 | 155 | NE by N | 83 | 0·02 | Cloudy: th. and lg. N. W. |
| 27 | 29·960 | 0·130 | 80·7 | 75·9 | 90·1 | 75·3 | 140·6 | 74·5 | 0·831 | 78 | 123 | NE by N | 77 | ... | Cloudy: lg. N. and W. |
| 28 | 29·961 | 0·113 | 80·9 | 76·0 | 88·0 | 75·0 | 142·3 | 74·2 | 0·832 | 78 | 202 | N N E | 77 | 0·47 | Cloudy: rain: lg. S. |
| 29 | 29·922 | 0·160 | 76·3 | 74·0 | 83·7 | 73·9 | 135·6 | 72·6 | 0·810 | 89 | 193 | NE by N | 97 | 3·52 | Cloudy: heavy rain: th. |
| 30 | 29·914 | 0·121 | 77·7 | 75·1 | 87·1 | 72·9 | 138·6 | 72·8 | 0·838 | 89 | 150 | N N E | 83 | 1·46 | Cloudy: heavy showers. |
| 31 | 29·924 | 0·157 | 78·6 | 75·6 | 88·1 | 74·5 | 144·4 | 73·6 | 0·846 | 87 | 98 | N N E | 63 | 0·07 | Cloudy. |
| Mean | 29·917 | 0·131 | 81·7 | 76·2 | 90·9 | 76·2 | 140·1 | 74·9 | 0·832 | 77 | 133 | E S E | 56 | 8·56 | |

# Madras Meteorological Observations. 1877—November.

| November 1877 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·905 | 0·104 | 76·6 | 74·3 | 86·8 | 75·5 | 140·1 | 74·6 | 0·819 | 89 | 101 | North | 73 | 4·80 | Cloudy with heavy rain : lg. S. |
| 2 | 29·880 | 0·134 | 79·4 | 76·1 | 87·0 | 73·7 | 142·2 | 73·1 | 0·857 | 85 | 132 | N by E | 73 | 0·25 | Cloudy : rain : lg. W. |
| 3 | 29·901 | 0·082 | 78·8 | 75·5 | 83·2 | 76·4 | 119·4 | 75·7 | 0·840 | 86 | 81 | North | 73 | 0·01 | Cloudy. |
| 4 | 29·878 | 0·144 | 79·5 | 75·3 | 88·6 | 74·4 | 141·4 | 73·1 | 0·822 | 81 | 66 | NE by N | 77 | 0·01 | Do. |
| 5 | 29·914 | 0·101 | 79·3 | 75·5 | 87·0 | 76·2 | 140·6 | 75·3 | 0·833 | 83 | 78 | N by E | 90 | 0·06 | Do. |
| 6 | 29·982 | 0·100 | 79·7 | 72·3 | 88·2 | 75·0 | 142·7 | 73·9 | 0·694 | 68 | 134 | North | 70 | ... | Do |
| 7 | 29·986 | 0·121 | 78·7 | 75·4 | 88·6 | 75·5 | 143·8 | 74·3 | 0·837 | 84 | 138 | N N E | 80 | 0 03 | Do. |
| 8 | 29·987 | 0·140 | 77·5 | 74·0 | 84·8 | 73·1 | 142·4 | 72·5 | 0·794 | 84 | 147 | N N E | 100 | 0·55 | Overcast with rain. |
| 9 | 30·016 | 0·102 | 74·5 | 73·0 | 76·5 | 72·2 | 86·4 | 72·1 | 0·793 | 93 | 110 | NE by N | 100 | 2·53 | Do. |
| 10 | 30·019 | 0·136 | 76·8 | 73·2 | 83·3 | 71·4 | 125·2 | 71·3 | 0·771 | 84 | 199 | N N E | 80 | 2·60 | Cloudy : rain. |
| 11 | 30·003 | 0·113 | 80·3 | 73·9 | 86·2 | 75·6 | 141·6 | 72·9 | 0·752 | 72 | 227 | N N E | 80 | 0·06 | Cloudy. |
| 12 | 29·997 | 0·076 | 80·6 | 73·8 | 87·6 | 75·1 | 142·2 | 73·2 | 0·744 | 71 | 218 | NE by N | 37 | ... | Do. |
| 13 | 29·996 | 0·124 | 79·1 | 73·5 | 86·5 | 74·3 | 143·7 | 71·2 | 0·752 | 76 | 248 | N N E | 80 | 0·86 | Cloudy : rain. |
| 14 | 29·985 | 0·118 | 76·0 | 73·3 | 81·6 | 72·2 | 110·4 | 71·9 | 0·785 | 87 | 165 | North | 100 | 0·54 | Overcast and wet. |
| 15 | 29·996 | 0·116 | 73·7 | 72·5 | 75·1 | 72·1 | 84·4 | 72·1 | 0·784 | 94 | 133 | N by E | 100 | 5·30 | Overcast : heavy rain. |
| 16 | 29·957 | 0·114 | 74·9 | 73·6 | 84·4 | 72·2 | 142·5 | 71·5 | 0·813 | 94 | 110 | North | 93 | 1·75 | Cloudy and wet. |
| 17 | 29·968 | 0·111 | 76·7 | 74·2 | 82·8 | 71·2 | 142·3 | 70·7 | 0·813 | 88 | 169 | North | 93 | 1·64 | Do. |
| 18 | 30·003 | 0·111 | 80·4 | 76·4 | 87·3 | 75·9 | 139·4 | 74·2 | 0·857 | 82 | 183 | NE by N | 63 | 0·14 | Passing clouds. |
| 19 | 30·019 | 0·130 | 79·0 | 74·0 | 84·5 | 75·1 | 139·9 | 72·7 | 0·774 | 78 | 212 | N E | 73 | ... | Cloudy. |
| 20 | 30·005 | 0·117 | 79·2 | 72·9 | 85·3 | 74·3 | 141·2 | 71·1 | 0·725 | 72 | 219 | N N E | 60 | ... | Passing clouds. |
| 21 | 30·017 | 0·117 | 78·4 | 71·6 | 85·9 | 71·5 | 140·0 | 67·1 | 0·685 | 70 | 149 | N N E | 63 | ... | Do. |
| 22 | 30·020 | 0·132 | 77·7 | 72·3 | 86·1 | 71·1 | 140·0 | 67·4 | 0·721 | 75 | 161 | NE by N | 50 | ... | Do. |
| 23 | 29·993 | 0·116 | 78·2 | 71·7 | 86·5 | 70·3 | 140·4 | 66·8 | 0·691 | 72 | 171 | N N E | 60 | ... | Do. |
| 24 | 29·965 | 0·117 | 79·2 | 75·0 | 86·2 | 75·1 | 138·1 | 72·5 | 0·813 | 82 | 196 | N by E | 87 | ... | Cloudy. |
| 25 | 29·962 | 0·088 | 80·8 | 76·6 | 88·7 | 75·3 | 142·0 | 73·3 | 0·860 | 83 | 127 | N N E | 65 | ... | Passing clouds. |
| 26 | 29·967 | 0·119 | 81·1 | 75·9 | 89·1 | 76·5 | 138·6 | 73·7 | 0·825 | 78 | 168 | NE by E | 40 | ... | Fine with passing clouds. |
| 27 | 29·944 | 0·141 | 80·0 | 75·0 | 88·1 | 74·2 | 141·2 | 71·1 | 0·802 | 78 | 125 | NE by E | 43 | ... | Do. |
| 28 | 29·971 | 0·101 | 79·8 | 74·9 | 88·3 | 74·1 | 138·3 | 71·5 | 0·801 | 78 | 149 | NE by E | 57 | ... | Passing clouds. |
| 29 | 29·972 | 0·109 | 78·4 | 74·2 | 87·5 | 73·3 | 140·0 | 70·2 | 0·790 | 81 | 115 | NE by N | 43 | ... | Fine with passing clouds. |
| 30 | 29·977 | 0·132 | 79·2 | 74·5 | 87·1 | 72·9 | 141·4 | 69·5 | 0·792 | 79 | 162 | NE by N | 43 | 0·12 | Do. |
| Mean | 29·973 | 0·116 | 78·5 | 74·1 | 85·6 | 73·9 | 135·1 | 72·0 | 0·788 | 81 | 153 | N N E | 72 | 21·25 | |

# Madras Meteorological Observations. 1877—December.

| December 1877 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·973 | 0·126 | 75·2 | 73·7 | 84·7 | 72·9 | 140·1 | 71·9 | 0·813 | 93 | 110 | NE by E | 100 | 3·93 | Overcast : heavy rain. |
| 2 | 30·003 | 0·097 | 77·7 | 73·4 | 85·5 | 74·3 | 140·1 | 73·7 | 0·766 | 81 | 137 | NE by E | 67 | ... | Cloudy. |
| 3 | 30·013 | 0·096 | 78·9 | 73·5 | 86·6 | 71·9 | 140·3 | 68·9 | 0·754 | 76 | 159 | NE by E | 30 | ... | Fine with passing clouds. |
| 4 | 29·959 | 0·135 | 80·1 | 73·9 | 86·8 | 75·0 | 143·6 | 73·7 | 0·755 | 73 | 215 | N E | 43 | 0·17 | Fine with passing clouds : rain. |
| 5 | 29·957 | 0·123 | 78·5 | 73·8 | 84·1 | 73·5 | 119·9 | 71·9 | 0·772 | 79 | 179 | NE by N | 90 | 0·02 | Cloudy. |
| 6 | 29·977 | 0·097 | 79·2 | 73·5 | 84·2 | 73·3 | 125·3 | 71·3 | 0·750 | 75 | 277 | E N E | 87 | 0·61 | Cloudy : rain. |
| 7 | 29·955 | 0·134 | 79·2 | 72·9 | 85·7 | 74·2 | 139·0 | 72·5 | 0·725 | 72 | 301 | NE by E | 100 | ... | Overcast. |
| 8 | 29·961 | 0·092 | 77·6 | 74·1 | 84·8 | 75·7 | 144·9 | 73·7 | 0·797 | 84 | 197 | NE by N | 93 | 0·10 | Cloudy : lg. E. |
| 9 | 30·019 | 0·097 | 78·4 | 74·1 | 82·4 | 75·2 | 116·6 | 74·9 | 0·786 | 80 | 187 | NE by E | 90 | 0·86 | Cloudy : rain. |
| 10 | 30·032 | 0·080 | 80·5 | 76·4 | 87·5 | 75·5 | 140·0 | 72·6 | 0·856 | 82 | 177 | E N E | 40 | ... | Fine with passing clouds. |
| 11 | 29·991 | 0·128 | 79·5 | 76·7 | 87·4 | 76·3 | 143·4 | 74·2 | 0·882 | 87 | 144 | E by N | 53 | 0·08 | Passing clouds : lg. S. W. |
| 12 | 29·976 | 0·142 | 78·7 | 74·8 | 85·4 | 75·8 | 144·5 | 74·9 | 0·812 | 82 | 113 | E by S | 80 | 0·08 | Cloudy. |
| 13 | 29·993 | 0·139 | 80·1 | 75·0 | 86·6 | 75·0 | 138·4 | 73·2 | 0·801 | 78 | 178 | E by N | 43 | 0·01 | Fine with passing clouds. |
| 14 | 30·017 | 0·090 | 80·5 | 74·3 | 87·2 | 75·9 | 137·0 | 72·9 | 0·766 | 73 | 224 | E N E | 50 | ... | Do. |
| 15 | 30·000 | 0·117 | 79·3 | 73·4 | 86·6 | 74·9 | 140·3 | 71·5 | 0·744 | 74 | 252 | N E | 47 | ... | Do. |
| 16 | 29·985 | 0·107 | 79·0 | 72·4 | 86·3 | 72·9 | 135·7 | 69·8 | 0·709 | 72 | 268 | NE by N | 63 | ... | Passing clouds. |
| 17 | 29·989 | 0·128 | 80·0 | 73·0 | 86·0 | 78·1 | 137·6 | 76·8 | 0·719 | 70 | 335 | N E | 87 | ... | Cloudy. |
| 18 | 30·008 | 0·098 | 80·5 | 73·5 | 87·3 | 77·0 | 139·7 | 74·6 | 0·733 | 71 | 244 | N E | 80 | ... | Do. |
| 19 | 30·012 | 0·109 | 78·0 | 72·2 | 87·2 | 72·9 | 140·0 | 70·0 | 0·713 | 74 | 161 | NE by N | 33 | ... | Fine with passing clouds. |
| 20 | 30·025 | 0·104 | 76·1 | 71·2 | 86·4 | 69·5 | 142·5 | 66·3 | 0·701 | 77 | 128 | N N E | 33 | ... | Do. |
| 21 | 30·016 | 0·118 | 77·3 | 72·1 | 86·9 | 70·2 | 140·1 | 67·5 | 0·719 | 76 | 112 | N E | 40 | ... | Do. |
| 22 | 29·983 | 0·126 | 78·8 | 72·7 | 86·5 | 69·9 | 137·1 | 66·3 | 0·723 | 74 | 188 | NE by E | 40 | ... | Do. |
| 23 | 30·004 | 0·118 | 79·1 | 71·7 | 86·4 | 74·9 | 138·1 | 71·3 | 0·678 | 68 | 244 | N E | 47 | ... | Passing clouds. |
| 24 | 29·998 | 0·124 | 79·4 | 71·4 | 86·2 | 76·0 | 138·3 | 73·3 | 0·663 | 66 | 297 | N N E | 37 | ... | Fine with passing clouds. |
| 25 | 30·001 | 0·090 | 77·3 | 71·5 | 86·6 | 72·2 | 142·4 | ... | 0·695 | 74 | 208 | N by E | 43 | ... | Do. |
| 26 | 29·991 | 0·137 | 76·9 | 72·0 | 85·8 | 70·8 | 139·5 | 67·0 | 0·720 | 77 | 200 | N by E | 60 | ... | Cloudy day : fine night. |
| 27 | 29·969 | 0·128 | 77·1 | 70·7 | 86·8 | 69·2 | 139·4 | 65·7 | 0·666 | 71 | 178 | N N E | 37 | ... | Fine with passing clouds. |
| 28 | 29·937 | 0·122 | 77·2 | 71·5 | 87·4 | 70·3 | 138·1 | 66·7 | 0·696 | 75 | 127 | N N E | 23 | ... | Do. |
| 29 | 29·915 | 0·126 | 79·0 | 73·5 | 87·9 | 72·4 | 140·1 | 69·7 | 0·753 | 76 | 159 | NE by N | 33 | ... | Do. |
| 30 | 29·906 | 0·125 | 78·7 | 74·3 | 87·0 | 73·1 | 145·0 | 70·3 | 0·790 | 80 | 83 | E by N | 43 | ... | Passing clouds. |
| 31 | 29·871 | 0·142 | 78·8 | 74·4 | 87·0 | 72·5 | 142·3 | 69·3 | 0·793 | 80 | 87 | E by S | 30 | ... | Fine with passing clouds. |
| Mean | 29·982 | 0·116 | 78·6 | 73·3 | 86·3 | 73·6 | 138·4 | 71·2 | 0·750 | 76 | 189 | N E | 56 | 5·86 | |

## Madras Mean Monthly and Annual Meteorological Results in 1877.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·039 | 0·119 | 75·9 | 85·4 | 67·8 | 17·6 | 68·9 | 64·9 | 0·616 | 68 | 144·7 | 65·2 | 163 | 5 | N E by E | 0·01 | 1 | 64 |
| February | 29·984 | 0·123 | 78·7 | 87·6 | 70·9 | 16·7 | 70·8 | 67·4 | 0·649 | 66 | 146·5 | 68·1 | 167 | 10 | E S E | ... | ... | 68 |
| March | 29·943 | 0·129 | 79·8 | 89·1 | 71·7 | 17·4 | 72·3 | 68·6 | 0·696 | 68 | 143·5 | 69·2 | 176 | 11 | S E by E | 0·03 | 1 | 74 |
| April | 29·889 | 0·126 | 83·4 | 91·6 | 76·5 | 15·1 | 75·6 | 72·8 | 0·782 | 68 | 138·5 | 74·5 | 203 | 11 | S E by E | ... | ... | 64 |
| May | 29·780 | 0·116 | 84·4 | 94·8 | 78·4 | 16·4 | 76·9 | 74·1 | 0·826 | 70 | 135·2 | 76·3 | 243 | 16 | South | 21·27 | 6 | 52 |
| June | 29·760 | 0·117 | 86·4 | 98·4 | 80·4 | 18·0 | 76·3 | 73·7 | 0·772 | 62 | 141·7 | 79·4 | 223 | 18 | S S W | 2·36 | 9 | 40 |
| July | 29·777 | 0·112 | 86·4 | 101·5 | 80·8 | 20·7 | 75·5 | 72·9 | 0·736 | 59 | 144·4 | 79·6 | 222 | 18 | S S W | 1·22 | 9 | 35 |
| August | 29·786 | 0·125 | 84·7 | 99·2 | 78·4 | 20·7 | 74·8 | 72·5 | 0·731 | 62 | 143·8 | 76·9 | 219 | 18 | S S W | 2·49 | 19 | 34 |
| September | 29·842 | 0·120 | 82·9 | 93·1 | 77·4 | 15·7 | 76·1 | 73·7 | 0·811 | 72 | 143·1 | 75·8 | 165 | 16 | South | 3·15 | 13 | 34 |
| October | 29·917 | 0·131 | 81·7 | 90·9 | 76·2 | 14·7 | 76·2 | 73·9 | 0·832 | 77 | 140·1 | 74·9 | 133 | 10 | E S E | 8·56 | 14 | 44 |
| November | 29·973 | 0·116 | 78·5 | 85·6 | 73·9 | 11·7 | 74·1 | 71·9 | 0·788 | 81 | 135·1 | 72·0 | 153 | 2 | N N E | 21·25 | 17 | 28 |
| December | 29·982 | 0·116 | 78·6 | 86·3 | 73·6 | 12·7 | 73·3 | 70·9 | 0·750 | 76 | 138·4 | 71·2 | 189 | 4 | N E | 5·86 | 9 | 44 |
| Annual | 29·889 | 0·121 | 81·8 | 92·0 | 75·5 | 16·5 | 74·2 | 71·4 | 0·749 | 69 | 141·3 | 73·6 | 188 | 12 | S E | 66·20 | 98 | 48 |

## Madras Extreme Monthly Meteorological Records in 1877.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·155 | 19 | 29·940 | 10 | 0·215 | 86·6 | 31 | 61·7 | 3 | 58·1 | 3 | 44 | 2 | 147·4 | 18 | 58·2 | 3 | 267 | 24 | 58 | 31 | 0·01 | 12 |
| February | 30·168 | 19 | 29·744 | 5 | 0·424 | 92·2 | 5 | 65·4 | 2 | 62·5 | 28 | 43 | 1 | 149·4 | 27 | 62·1 | 2 | 239 | 6 | 95 | 1 | ... | ... |
| March | 30·077 | 1 | 29·800 | 30 | 0·277 | 91·5 | 28 | 64·8 | 12 | 61·1 | 12 | 41 | 22 | 149·6 | 20 | 60·7 | 11 | 291 | 30 | 108 | 10 | 0·03 | 29 |
| April | 30·054 | 4 | 29·715 | 26 | 0·339 | 93·4 | 20 | 72·8 | 17 | 69·6 | 17 | 44 | 21 | 147·7 | 15 | 71·1 | 15 | 302 | 9 | 147 | 19 | ... | ... |
| May | 29·927 | 22 | 29·432 | 18 | 0·495 | 107·3 | 25 | 75·1 | 17 | 66·5 | 15 | 25 | 15 | 147·4 | 23 | 67·6 | 18 | 612 | 18 | 50 | 14 | 13·01 | 18 |
| June | 29·874 | 15 | 29·621 | 24 | 0·253 | 103·5 | 1 | 73·2 | 12 | 71·2 | 29 | 29 | 23 | 147·8 | 3 | 73·8 | 12 | 315 | 7 | 96 | 11 | 1·11 | 11 |
| July | 29·864 | 17 | 29·626 | 13 | 0·238 | 104·7 | 8 | 77·1 | 27 | 68·9 | 11 | 24 | 10 | 149·0 | 3 | 74·5 | 27 | 274 | 12 | 131 | 27 | 0·46 | 25 |
| August | 29·898 | 22 | 29·644 | 11 | 0·254 | 103·8 | 11 | 74·9 | 3 | 70·8 | 20 | 24 | 11 | 150·3 | 10 | 73·6 | 11 | 280 | 9 | 124 | 30 | 0·46 | 5 |
| September | 29·992 | 30 | 29·658 | 6 | 0·334 | 98·3 | 2 | 72·2 | 11 | 70·0 | 11 | 43 | 1 | 148·5 | 14 | 70·7 | 11 | 245 | 8 | 91 | 22 | 1·03 | 4 |
| October | 30·034 | 27 | 29·795 | 11 | 0·237 | 96·3 | 8 | 72·9 | 30 | 71·0 | 3 | 47 | 8 | 149·1 | 19 | 72·2 | 14 | 227 | 8 | 66 | 13 | 3·52 | 29 |
| November | 30·091 | 10 | 29·805 | 4 | 0·286 | 89·1 | 26 | 70·3 | 23 | 68·0 | 21 | 53 | 6 | 143·8 | 7 | 66·8 | 23 | 248 | 13 | 66 | 4 | 5·30 | 15 |
| December | 30·078 | 20 | 29·815 | 31 | 0·263 | 87·9 | 29 | 69·2 | 27 | 68·0 | 20 | 56 | 27 | 145·0 | 30 | 65·7 | 27 | 335 | 17 | 83 | 30 | 3·93 | 1 |

# Madras Meteorological Observations. 1878—January.

| January 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·823 | 0·135 | 79·8 | 75·5 | 92·9 | 73·3 | 140·6 | 70·1 | 0·827 | 80 | 109 | S E | 20 | ... | Fine with passing clouds. |
| 2 | 29·854 | 0·114 | 79·7 | 73·5 | 88·7 | 76·2 | 142·0 | 74·1 | 0·744 | 73 | 112 | E N E | 37 | ... | Do. |
| 3 | 29·911 | 0·105 | 78·7 | 72·9 | 88·4 | 72·4 | 142·2 | 69·7 | 0·731 | 74 | 127 | N by E | 33 | ... | Do. |
| 4 | 29·921 | 0·081 | 79·4 | 73·9 | 87·3 | 74·7 | 137·5 | 72·3 | 0·764 | 76 | 162 | NE by E | 67 | 0·04 | Passing clouds. |
| 5 | 29·975 | 0·066 | 78·6 | 71·2 | 84·9 | 76·1 | 139·7 | 73·3 | 0·665 | 68 | 204 | E by N | 57 | ... | Do. |
| 6 | 30·008 | 0·112 | 79·5 | 71·6 | 88·3 | 75·0 | 139·9 | 71·8 | 0·670 | 66 | 197 | NE by E | 37 | ... | Fine with passing clouds. |
| 7 | 30·068 | 0·103 | 79·0 | 71·0 | 88·0 | 76·3 | 141·5 | 74·3 | 0·653 | 66 | 228 | N E | 73 | ... | Cloudy. |
| 8 | 30·043 | 0·126 | 77·1 | 71·0 | 87·8 | 70·3 | 140·3 | 71·7 | 0·678 | 73 | 135 | NE by E | 43 | ... | Passing clouds. |
| 9 | 30·045 | 0·141 | 77·4 | 71·5 | 89·0 | 68·6 | 139·3 | 65·4 | 0·693 | 74 | 124 | NE by E | 30 | ... | Fine with passing clouds. |
| 10 | 30·061 | 0·125 | 78·0 | 71·6 | 87·6 | 70·7 | 147·7 | 67·9 | 0·690 | 72 | 110 | E N E | 47 | ... | Passing clouds. |
| 11 | 30·100 | 0·117 | 79·0 | 72·0 | 88·3 | 71·2 | 141·8 | 67·1 | 0·692 | 70 | 149 | E by N | 37 | ... | Fine with passing clouds. |
| 12 | 30·064 | 0·125 | 78·3 | 70·6 | 87·4 | 73·2 | 144·9 | 69·9 | 0·646 | 67 | 216 | NE by E | 60 | ... | Passing clouds. |
| 13 | 30·040 | 0·131 | 76·7 | 71·1 | 88·2 | 68·3 | 137·7 | 64·9 | 0·688 | 75 | 132 | N N E | 50 | ... | Do. |
| 14 | 30·034 | 0·127 | 79·0 | 71·8 | 86·5 | 72·5 | 142·3 | 69·6 | 0·684 | 69 | 206 | N N E | 57 | ... | Do. |
| 15 | 30·032 | 0·141 | 78·8 | 70·8 | 87·6 | 73·0 | 135·8 | 73·3 | 0·648 | 66 | 157 | N N E | 50 | ... | Do. |
| 16 | 30·031 | 0·114 | 77·7 | 71·1 | 87·6 | 72·1 | 141·4 | 70·9 | 0·675 | 71 | 156 | N by E | 67 | 0·01 | Do. |
| 17 | 30·059 | 0·105 | 77·6 | 70·3 | 86·0 | 70·0 | 136·2 | 67·8 | 0·645 | 67 | 159 | N N E | 87 | ... | Cloudy. |
| 18 | 30·076 | 0·109 | 79·7 | 68·8 | 87·6 | 74·9 | 140·4 | 72·4 | 0·560 | 55 | 245 | N E | 70 | ... | Do. |
| 19 | 30·066 | 0·138 | 77·5 | 69·4 | 87·2 | 67·1 | 147·1 | 62·8 | 0·612 | 65 | 174 | N by E | 50 | ... | Passing clouds. |
| 20 | 30·045 | 0·098 | 77·2 | 71·7 | 88·3 | 70·1 | 141·2 | 68·5 | 0·704 | 75 | 200 | N by E | 70 | ... | Cloudy. |
| 21 | 30·048 | 0·101 | 78·8 | 73·1 | 87·4 | 73·1 | 139·7 | 71·4 | 0·739 | 75 | 160 | N by E | 82 | ... | Do. |
| 22 | 30·046 | 0·101 | 79·1 | 73·7 | 86·3 | 75·0 | 137·3 | 74·2 | 0·760 | 76 | 128 | N E | 72 | 0·06 | Cloudy day : fine night. |
| 23 | 30·052 | 0·137 | 79·3 | 72·5 | 88·0 | 70·8 | 141·2 | 67·8 | 0·709 | 71 | 107 | E N E | 13 | ... | Fine. |
| 24 | 30·058 | 0·121 | 79·2 | 69·8 | 88·3 | 73·0 | 141·4 | 67·1 | 0·604 | 60 | 153 | E N E | 30 | ... | Fine with passing clouds. |
| 25 | 30·065 | 0·120 | 78·6 | 70·1 | 87·4 | 70·2 | 145·5 | 67·1 | 0·624 | 63 | 137 | E N E | 50 | ... | Passing clouds. |
| 26 | 30·032 | 0·139 | 78·9 | 72·3 | 88·0 | 71·9 | 142·5 | 68·4 | 0·706 | 72 | 156 | E N E | 33 | ... | Fine with passing clouds. |
| 27 | 29·970 | 0·142 | 78·4 | 71·9 | 88·0 | 70·0 | 146·2 | 67·1 | 0·696 | 72 | 83 | E by N | 23 | ... | Fine. |
| 28 | 29·968 | 0·144 | 78·8 | 72·8 | 87·4 | 72·8 | 145·4 | 69·7 | 0·727 | 74 | 94 | E by S | 27 | ... | Do. |
| 29 | 29·983 | 0·106 | 79·3 | 72·6 | 87·6 | 72·3 | ... | 69·3 | 0·712 | 71 | 103 | E S E | 17 | ... | Do. |
| 30 | 30·019 | 0·113 | 79·0 | 72·5 | 88·0 | 71·2 | 148·2 | 67·8 | 0·713 | 72 | 76 | E S E | 50 | ... | Fine with passing clouds. |
| 31 | 30·002 | 0·133 | 77·5 | 71·1 | 86·5 | 71·0 | 146·4 | 67·5 | 0·677 | 71 | 73 | E S E | 27 | ... | Fine |
| Mean | 30·016 | 0·118 | 78·6 | 71·7 | 87·8 | 72·2 | 141·8 | 69·5 | 0·688 | 70 | 147 | NE by E | 47 | 0·11 | |

## Madras Meteorological Observations. 1878—February.

| February 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·977 | 0·138 | 77·7 | 71·5 | 87·0 | 68·1 | 142·4 | 64·1 | 0·691 | 73 | 82 | E S E | 40 | ... | Passing clouds. |
| 2 | 29·983 | 0·136 | 79·7 | 73·3 | 88·0 | 71·5 | 145·1 | 68·8 | 0·735 | 72 | 141 | E by N | 50 | ... | Do. |
| 3 | 30·017 | 0·112 | 81·0 | 73·7 | 88·8 | 74·0 | 142·4 | 71·5 | 0·735 | 70 | 159 | E N E | 33 | ... | Fine with passing clouds. |
| 4 | 30·063 | 0·103 | 79·3 | 72·8 | 89·0 | 71·5 | 148·6 | 68·3 | 0·721 | 72 | 115 | NE by E | 50 | ... | Passing clouds. |
| 5 | 30·078 | 0·093 | 77·3 | 71·0 | 87·6 | 68·9 | 146·2 | 64·9 | 0·675 | 71 | 88 | NE byE | 37 | ... | Fine with light clouds. |
| 6 | 30·055 | 0·123 | 77·9 | 71·0 | 88·8 | 67·1 | 142·6 | 62·6 | 6·667 | 70 | 135 | NE byN | 37 | ... | Do. |
| 7 | 30·068 | 0·125 | 80·8 | 72·5 | 89·0 | 76·1 | 137·4 | 74·5 | 0·688 | 66 | 175 | NE byN | 43 | ... | Fine with passing clouds. |
| 8 | 30·038 | 0·128 | 78·2 | 71·2 | 89·0 | 70·0 | 139·0 | 66·6 | 0·671 | 70 | 99 | NE byN | 40 | ... | Fine with light clouds. |
| 9 | 30·036 | 0·110 | 77·5 | 71·9 | 88·7 | 69·1 | 140·6 | 65·7 | 0·708 | 75 | 66 | NE byN | 20 | ... | Fine. |
| 10 | 30·020 | 0·128 | 78·2 | 71·2 | 90·8 | 67·9 | 132·4 | 64·1 | 0·671 | 70 | 55 | E by N | 23 | ... | Do. |
| 11 | 30·035 | 0·152 | 79·4 | 70·9 | 91·9 | 68·9 | 133·6 | 64·7 | 0·644 | 64 | 69 | E S E | 7 | ... | Do. |
| 12 | 29·990 | 0·145 | 78·9 | 71·2 | 90·6 | 68·5 | 140·9 | 64·5 | 0·662 | 67 | 117 | SE by E | 13 | ... | Do. |
| 13 | 30·014 | 0·128 | 78·7 | 73·3 | 89·2 | 70·7 | 134·5 | 67·5 | 0·748 | 76 | 99 | SE by E | 10 | ... | Do. |
| 14 | 30·051 | 0·118 | 79·0 | 72·1 | 88·2 | 69·1 | 138·4 | 65·3 | 0·696 | 70 | 85 | E by N | 40 | ... | Fine with passing clouds. |
| 15 | 30·046 | 0·114 | 76·9 | 71·6 | 87·0 | 71·0 | 140·3 | 68·1 | 0·705 | 75 | 56 | N E | 77 | ... | Cloudy. |
| 16 | 30·004 | 0·135 | 77·6 | 72·3 | 88·4 | 69·0 | 136·3 | 65·3 | 0·723 | 76 | 93 | E by S | 10 | ... | Fine. |
| 17 | 29·974 | 0·138 | 79·7 | 73·0 | 91·5 | 71·0 | 127·1 | ... | 0·723 | 71 | 123 | SE by E | 7 | ... | Do. |
| 18 | 29·995 | 0·137 | 78·8 | 72·7 | 88·2 | 71·8 | 136·6 | 68·8 | 0·723 | 74 | 81 | E S E | 27 | ... | Do. |
| 19 | 30·027 | 0·121 | 77·7 | 71·3 | 87·8 | 69·0 | 138·1 | 65·7 | 0·682 | 71 | 84 | E S E | 17 | ... | Do. |
| 20 | 30·034 | 0·119 | 77·4 | 71·8 | 88·9 | 68·9 | 134·3 | 65·4 | 0·706 | 75 | 95 | S E | 0 | ... | Clear. |
| 21 | 30·028 | 0·128 | 77·8 | 72·2 | 87·5 | 69·3 | 126·9 | 65·8 | 0·716 | 75 | 99 | S E | 0 | ... | Do. |
| 22 | 30·038 | 0·141 | 78·6 | 72·2 | 87·7 | 70·4 | 127·2 | 67·2 | 0·705 | 72 | 81 | SE by E | 10 | ... | Fine. |
| 23 | 30·020 | 0·162 | 77·6 | 70·9 | 87·7 | 67·9 | 129·1 | 64·2 | 0·668 | 71 | 65 | E S E | 13 | ... | Do. |
| 24 | 30·008 | 0·154 | 78·0 | 71·7 | 89·6 | 67·8 | 128·9 | 64·4 | 0·694 | 73 | 63 | E S E | 27 | ... | Do. |
| 25 | 30·017 | 0·147 | 78·3 | 72·5 | 88·9 | 69·4 | 133·2 | 66·4 | 0·721 | 75 | 86 | E S E | 20 | ... | Do. |
| 26 | 29·956 | 0·159 | 79·1 | 73·3 | 91·8 | 70·4 | 131·3 | 67·2 | 0·743 | 75 | 118 | S E | 3 | ... | Clear. |
| 27 | 29·935 | 0·125 | 79·4 | 73·2 | 90·4 | 70·0 | 130·1 | 66·2 | 0·736 | 73 | 131 | S E | 0 | ... | Do. |
| 28 | 29·954 | 0·125 | 79·3 | 73·1 | 89·2 | 69·8 | 129·3 | 66·6 | 0·733 | 73 | 139 | S E | 0 | ... | Do. |
| Mean | 30·016 | 0·130 | 78·6 | 72·1 | 89·0 | 69·9 | 136·2 | 66·5 | 0·703 | 72 | 100 | East | 23 | *Nil.* | |

# Madras Meteorological Observations. 1878—March.

| March 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·937 | 0·148 | 79·3 | 73·3 | 88·3 | 70·9 | 127·4 | 67·6 | 0·740 | 74 | 151 | S E | 3 | ... | Clear. |
| 2 | 29·922 | 0·132 | 79·7 | 73·5 | 88·9 | 70·1 | 141·3 | 66·8 | 0·744 | 73 | 129 | SE by E | 3 | ... | Do. |
| 3 | 29·942 | 0·131 | 80·7 | 74·5 | 90·2 | 72·2 | 130·7 | 68·8 | 0·772 | 74 | 135 | SE by E | 22 | ... | Fine. |
| 4 | 29·951 | 0·155 | 81·7 | 74·7 | 93·7 | 74·2 | 133·3 | 71·5 | 0·767 | 71 | 166 | SE by S | 17 | ... | Do. |
| 5 | 29·988 | 0·138 | 80·8 | 74·8 | 92·5 | 73·5 | 119·5 | 70·8 | 0·783 | 74 | 166 | S E | 50 | ... | Fine with light clouds. |
| 6 | 29·995 | 0·137 | 81·3 | 75·0 | 93·6 | 74·8 | 128·9 | 71·9 | 0·785 | 73 | 161 | S E | 37 | ... | Do. |
| 7 | 29·957 | 0·170 | 80·8 | 74·1 | 89·0 | 72·0 | 130·4 | 68·8 | 0·754 | 72 | 157 | S E | 3 | ... | Clear. |
| 8 | 30·011 | 0·126 | 80·2 | 73·9 | 88·8 | 72·2 | 133·1 | 68·6 | 0·753 | 72 | 169 | S E | 23 | ... | Fine. |
| 9 | 30·022 | 0·115 | 80·3 | 73·4 | 88·3 | 71·9 | 132·7 | 69·0 | 0·731 | 70 | 149 | SE by E | 23 | ... | Do. |
| 10 | 29·991 | 0·136 | 80·6 | 74·4 | 88·3 | 72·8 | 134·3 | 69·6 | 0·769 | 73 | 172 | SE by E | 33 | ... | Fine with light clouds. |
| 11 | 29·996 | 0·127 | 81·5 | 75·0 | 90·4 | 75·3 | 123·5 | 74·4 | 0·782 | 73 | 119 | E S E | 47 | ... | Light passing clouds. |
| 12 | 30·047 | 0·126 | 81·7 | 74·8 | 90·9 | 73·3 | 134·0 | 70·2 | 0·771 | 71 | 112 | East | 27 | ... | Fine. |
| 13 | 30·040 | 0·132 | 80·5 | 74·3 | 91·2 | 73·1 | 134·3 | 69·9 | 0·766 | 73 | 82 | E by S | 40 | ... | Fine with passing clouds. |
| 14 | 30·022 | 0·149 | 79·8 | 73·5 | 90·5 | 70·6 | 133·9 | 66·9 | 0·742 | 73 | 98 | SE by E | 40 | ... | Fine with light clouds. |
| 15 | 29·960 | 0·151 | 81·5 | 74·6 | 89·6 | 71·3 | 133·6 | 67·6 | 0·765 | 71 | 167 | SE by E | 13 | ... | Fine. |
| 16 | 29·970 | 0·122 | 81·0 | 74·5 | 89·3 | 73·3 | 131·3 | 69·4 | 0·768 | 73 | 138 | SE by E | 13 | ... | Do. |
| 17 | 29·965 | 0·122 | 82·5 | 75·9 | 91·5 | 73·3 | 132·3 | 69·8 | 0·807 | 73 | 122 | E S E | 20 | ... | Do. |
| 18 | 29·929 | 0·126 | 84·1 | 77·2 | 92·0 | 77·5 | 131·0 | 75·3 | 0·841 | 72 | 164 | SE by E | 37 | ... | Fine with passing clouds. |
| 19 | 29·936 | 0·123 | 84·1 | 77·7 | 91·4 | 77·9 | 127·1 | 75·5 | 0·864 | 74 | 213 | SE by E | 47 | ... | Passing clouds. |
| 20 | 29·991 | 0·128 | 83·7 | 77·6 | 92·1 | 78·3 | 119·9 | 75·8 | 0·866 | 75 | 160 | E S E | 63 | ... | Do. |
| 21 | 30·053 | 0·111 | 83·4 | 76·3 | 92·3 | 77·3 | 124·6 | 74·4 | 0·812 | 71 | 127 | East | 70 | ... | Cloudy. |
| 22 | 30·029 | 0·120 | 83·1 | 75·2 | 92·3 | 76·1 | 130·7 | 73·7 | 0·769 | 69 | 90 | E N E | 43 | ... | Passing clouds. |
| 23 | 29·999 | 0·113 | 83·2 | 74·8 | 92·0 | 74·2 | 130·9 | 70·6 | 0·750 | 65 | 109 | E N E | 20 | ... | Fine. |
| 24 | 30·004 | 0·131 | 81·8 | 74·6 | 92·9 | 74·1 | 131·5 | 70·8 | 0·761 | 70 | 69 | E by N | 17 | ... | Do. |
| 25 | 29·993 | 0·120 | 82·1 | 73·2 | 93·3 | 73·1 | 130·5 | 68·7 | 0·699 | 63 | 86 | East | 10 | ... | Do. |
| 26 | 29·962 | 0·123 | 80·5 | 71·9 | 91·2 | 71·5 | 135·5 | 67·5 | 0·668 | 64 | 80 | E by S | 3 | ... | Clear. |
| 27 | 29·921 | 0·150 | 81·2 | 71·9 | 91·5 | 69·3 | 135·3 | 64·9 | 0·658 | 61 | 111 | SE by E | 13 | ... | Fine. |
| 28 | 29·887 | 0·133 | 84·1 | 76·2 | 94·0 | 75·3 | 133·8 | 73·3 | 0·798 | 68 | 176 | S E | 20 | ... | Do. |
| 29 | 29·858 | 0·175 | 84·6 | 77·6 | 94·3 | 77·1 | 134·1 | 74·3 | 0·853 | 72 | 216 | S E | 30 | ... | Fine with light clouds. |
| 30 | 29·829 | 0·134 | 84·4 | 78·1 | 91·0 | 77·3 | 130·2 | 74·5 | 0·878 | 74 | 213 | S E | 13 | ... | Fine. |
| 31 | 29·789 | 0·141 | 85·4 | 78·9 | 93·5 | 79·7 | 130·0 | 78·5 | 0·901 | 74 | 252 | S E | 10 | ... | Do. |
| Mean | 29·964 | 0·134 | 81·9 | 75·0 | 91·3 | 74·0 | 131·0 | 70·9 | 0·778 | 71 | 144 | E S E | 26 | *Nil.* | |

# Madras Meteorological Observations. 1878—April.

| April 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·849 | 0·120 | 85·1 | 79·2 | 92·3 | 81·0 | 128·7 | 80·3 | 0·919 | 76 | 261 | S E | 33 | ... | Fine with light clouds. |
| 2 | 29·929 | 0·112 | 85·0 | 77·5 | 93·3 | 80·7 | 130·4 | 79·7 | 0·844 | 70 | 219 | SE by E | 17 | ... | Fine. |
| 3 | 29·916 | 0·133 | 83·7 | 75·6 | 93·0 | 76·5 | 121·4 | 74·2 | 0·778 | 68 | 121 | SE by E | 43 | ... | Passing clouds. |
| 4 | 29·873 | 0·133 | 80·7 | 73·7 | 92·1 | 72·0 | 131·6 | 68·1 | 0·739 | 71 | 121 | E S E | 17 | ... | Fine with light clouds. |
| 5 | 29·911 | 0·113 | 81·8 | 74·7 | 91·9 | 72·1 | 132·4 | 68·7 | 0·766 | 71 | 153 | SE by E | 20 | ... | Fine. |
| 6 | 29·929 | 0·143 | 83·4 | 76·1 | 92·5 | 74·8 | 132·0 | 72·0 | 0·803 | 69 | 130 | SE by E | 7 | ... | Clear. |
| 7 | 29·905 | 0·149 | 82·9 | 75·0 | 92·5 | 74·2 | 133·3 | 71·7 | 0·763 | 67 | 117 | SE by E | 17 | ... | Fine. |
| 8 | 29·873 | 0·127 | 83·5 | 75·8 | 92·9 | 74·0 | 132·2 | 71·3 | 0·790 | 68 | 129 | E S E | 17 | ... | Do. |
| 9 | 29·875 | 0·133 | 83·6 | 77·0 | 93·4 | 75·3 | 134·5 | 72·9 | 0·840 | 73 | 152 | E S E | 30 | ... | Fine with passing clouds. |
| 10 | 29·834 | 0·143 | 84·4 | 75·7 | 93·6 | 75·7 | 132·4 | 72·6 | 0·773 | 65 | 229 | S E | 13 | ... | Fine. |
| 11 | 29·780 | 0·161 | 85·6 | 77·9 | 94·6 | 77·9 | 131·4 | 78·7 | 0·853 | 69 | 264 | S E | 27 | ... | Do. |
| 12 | 29·798 | 0·126 | 85·9 | 78·6 | 92·4 | 81·1 | 130·7 | 80·0 | 0·881 | 70 | 295 | SE by E | 30 | ... | Fine with passing clouds. |
| 13 | 29·889 | 0·127 | 85·2 | 77·0 | 92·6 | 78·6 | 132·5 | 76·7 | 0·818 | 67 | 245 | SE by E | 47 | ... | Do. |
| 14 | 29·924 | 0·161 | 86·2 | 78·5 | 93·4 | 78·9 | 129·6 | 77·1 | 0·872 | 70 | 199 | E S E | 60 | ... | Passing clouds. |
| 15 | 29·875 | 0·128 | 81·8 | 76·8 | 88·8 | 79·1 | 135·8 | 77·7 | 0·856 | 79 | 107 | SE by E | 83 | 0·30 | Cloudy : th. : rain. |
| 16 | 29·856 | 0·152 | 84·6 | 78·0 | 91·3 | 78·2 | 136·3 | 76·8 | 0·871 | 74 | 116 | SE by E | 77 | 0·04 | Cloudy : lg. N. W. |
| 17 | 29·916 | 0·126 | 84·1 | 77·1 | 93·3 | 79·0 | 117·2 | 78·4 | 0·837 | 72 | 112 | E by S | 67 | ... | Cloudy. |
| 18 | 29·949 | 0·111 | 85·9 | 77·7 | 95·4 | 77·8 | 130·6 | 76·1 | 0·840 | 68 | 129 | E N E | 50 | ... | Passing clouds. |
| 19 | 29·923 | 0·146 | 83·6 | 76·6 | 93·5 | 75·0 | 132·0 | 72·8 | 0·822 | 72 | 124 | East | 30 | ... | Fine with passing clouds. |
| 20 | 29·898 | 0·136 | 83·5 | 74·4 | 92·6 | 74·0 | 132·6 | ... | 0·730 | 63 | 168 | E S E | 10 | ... | Fine. |
| 21 | 29·865 | 0·135 | 84·5 | 76·7 | 92·0 | 76·2 | 130·9 | 74·3 | 0·815 | 68 | 210 | S E | 7 | ... | Do. |
| 22 | 29·858 | 0·119 | 85·0 | 76·5 | 93·3 | 77·8 | 131·2 | 74·8 | 0·799 | 67 | 196 | S E | 3 | ... | Clear. |
| 23 | 29·888 | 0·116 | 83·4 | 74·4 | 91·8 | 75·6 | 132·4 | 72·7 | 0·731 | 63 | 182 | SE by E | 7 | ... | Fine. |
| 24 | 29·892 | 0·121 | 84·3 | 75·6 | 92·7 | 74·1 | 134·4 | 70·4 | 0·770 | 66 | 217 | SE by E | 7 | ... | Do. |
| 25 | 29·896 | 0·111 | 86·6 | 78·0 | 93·4 | 80·2 | 133·2 | 78·9 | 0·844 | 67 | 207 | SE by E | 37 | ... | Fine with passing clouds. |
| 26 | 29·913 | 0·128 | 86·8 | 78·7 | 94·0 | 81·0 | 132·9 | 80·1 | 0·873 | 69 | 165 | E by S | 40 | ... | Do. |
| 27 | 29·903 | 0·141 | 87·4 | 79·2 | 95·6 | 80·0 | 121·7 | 78·8 | 0·888 | 68 | 127 | Esst | 50 | ... | Passing clouds : lg. W. |
| 28 | 29·867 | 0·142 | 86·9 | 79·1 | 95·8 | 80·2 | 134·0 | 78·8 | 0·890 | 69 | 165 | E S E | 30 | ... | Fine with light clouds. |
| 29 | 29·835 | 0·148 | 86·5 | 79·1 | 96·0 | 80·2 | 130·6 | 78·9 | 0·895 | 70 | 162 | SE by E | 43 | ... | Passing clouds. |
| 30 | 29·829 | 0·125 | 86·4 | 78·4 | 94·5 | 80·0 | 132·6 | 78·3 | 0·865 | 68 | 188 | SE by E | 23 | ... | Fine. |
| Mean | 29·882 | 0·132 | 84·6 | 77·0 | 93·2 | 77·4 | 131·1 | 75·6 | 0·826 | 69 | 174 | E S E | 31 | 0·34 | |

## Madras Meteorological Observations. 1878—May.

| May 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·860 | 0·092 | 87·7 | 79·3 | 95·4 | 81·1 | 135·7 | 79·5 | 0·888 | 67 | 152 | E S E | 40 | ... | Fine with passing clouds: lg. S. W. |
| 2 | 29·818 | 0·133 | 87·6 | 79·3 | 94·2 | 82·3 | 124·3 | 80·7 | 0·890 | 67 | 178 | SE by E | 72 | 0·01 | Passing clouds: th. |
| 3 | 29·870 | 0·126 | 85·9 | 78·1 | 94·2 | 81·4 | 122·4 | 73·2 | 0·856 | 68 | 102 | SE by S | 93 | ... | Overcast. |
| 4 | 29·842 | 0·133 | 86·4 | 78·7 | 94·4 | 79·4 | 127·7 | 78·7 | 0·878 | 71 | 168 | E S E | 53 | ... | Passing clouds. |
| 5 | 29·838 | 0·117 | 86·7 | 78·9 | 95·4 | 80·4 | 120·9 | 79·1 | 0·884 | 69 | 204 | S E | 37 | ... | Fine with passing clouds. |
| 6 | 29·827 | 0·133 | 87·1 | 79·8 | 94·4 | 81·3 | 141·4 | 80·7 | 0·920 | 71 | 243 | SE by S | 22 | ... | Fine with light clouds. |
| 7 | 29·808 | 0·128 | 86·4 | 78·5 | 93·4 | 82·1 | 119·3 | 80·9 | 0·869 | 69 | 270 | SE by S | 63 | ... | Passing clouds: lg. S. |
| 8 | 29·776 | 0·142 | 88·3 | 79·4 | 100·4 | 82·5 | 130·6 | 81·7 | 0·884 | 66 | 249 | SE by S | 47 | ... | Passing clouds. |
| 9 | 29·790 | 0·128 | 87·1 | 79·3 | 93·6 | 82·5 | 133·2 | 81·9 | 0·897 | 69 | 259 | SE by S | 63 | ... | Passing clouds: lg. W. |
| 10 | 29·815 | 0·137 | 87·7 | 78·6 | 96·0 | 82·2 | 129·9 | 81·6 | 0·857 | 66 | 251 | SE by S | 50 | ... | Light passing clouds: lg. W. |
| 11 | 29·802 | 0·161 | 88·6 | 79·7 | 100·2 | 82·9 | 135·3 | 82·0 | 0·894 | 66 | 261 | S S E | 40 | ... | Fine with light clouds. |
| 12 | 29·769 | 0·188 | 90·1 | 79·2 | 99·3 | 84·5 | 134·8 | 83·9 | 0·851 | 60 | 309 | S S E | 32 | ... | Fine with passing clouds. |
| 13 | 29·763 | 0·130 | 88·5 | 80·1 | 97·9 | 85·1 | 115·7 | 84·4 | 0·914 | 68 | 295 | SE by S | 53 | 0·01 | Passing clouds: th. W. |
| 14 | 29·776 | 0·057 | 85·6 | 78·9 | 94·1 | 80·9 | 120·6 | 79·7 | 0·899 | 73 | 195 | S S E | 81 | 0·39 | Cloudy: th. and lg. |
| 15 | 29·786 | 0·136 | 86·4 | 78·7 | 94·1 | 79·2 | 131·7 | 77·8 | 0·878 | 70 | 168 | SE by S | 50 | ... | Light passing clouds. |
| 16 | 29·797 | 0·092 | 87·0 | 78·5 | 95·6 | 80·1 | 133·8 | 78·8 | 0·861 | 67 | 184 | SE by S | 43 | ... | Fine with passing clouds. |
| 17 | 29·814 | 0·100 | 87·7 | 80·6 | 95·2 | 81·0 | 141·1 | 78·8 | 0·950 | 73 | 163 | SE by E | 50 | ... | Light passing clouds. |
| 18 | 29·792 | 0·143 | 86·7 | 78·7 | 95·5 | 80·6 | 132·4 | 79·2 | 0·874 | 69 | 133 | S by E | 57 | ... | Do. |
| 19 | 29·749 | 0·104 | 85·8 | 76·4 | 105·0 | 81·4 | 117·6 | 80·2 | 0·784 | 63 | 120 | S W | 80 | 0·07 | Cloudy: th. and lg. |
| 20 | 29·767 | 0·136 | 90·1 | 77·1 | 106·4 | 80·9 | 140·0 | 79·6 | 0·756 | 53 | 204 | South | 27 | ... | Fine with passing clouds. |
| 21 | 29·775 | 0·117 | 89·4 | 78·4 | 107·1 | 80·8 | 137·5 | 79·6 | 0·824 | 59 | 199 | S by E | 23 | ... | Do. |
| 22 | 29·771 | 0·111 | 89·3 | 79·2 | 105·3 | 82·5 | 116·4 | 81·2 | 0·863 | 63 | 201 | S S E | 40 | ... | Do. |
| 23 | 29·782 | 0·113 | 89·3 | 80·5 | 102·1 | 84·3 | 116·9 | 83·4 | 0·923 | 67 | 231 | S S E | 37 | ... | Do. |
| 24 | 29·812 | 0·122 | 78·2 | 74·2 | 85·7 | 72·0 | 112·7 | 71·9 | 0·793 | 82 | 213 | SE by S | 90 | 1·12 | Cloudy: th., lg. and rain. |
| 25 | 29·773 | 0·121 | 86·1 | 79·8 | 93·0 | 78·2 | 131·4 | 76·4 | 0·933 | 75 | 210 | SE by S | 20 | ... | Fine with light clouds: lg. W. |
| 26 | 29·780 | 0·134 | 88·6 | 80·6 | 102·0 | 82·7 | 134·4 | 81·6 | 0·937 | 69 | 252 | S S E | 23 | ... | Fine with light clouds. |
| 27 | 29·778 | 0·142 | 88·5 | 79·5 | 100·6 | 82·6 | 133·0 | 81·7 | 0·887 | 66 | 256 | S S E | 27 | ... | Fine with light clouds: lg. W. to N. |
| 28 | 29·763 | 0·113 | 89·2 | 79·0 | 105·0 | 82·9 | 121·0 | 81·9 | 0·854 | 62 | 208 | SE by S | 37 | ... | Fine with light clouds: lg. W. |
| 29 | 29·708 | 0·149 | 90·8 | 78·5 | 104·7 | 84·0 | 136·6 | 82·8 | 0·810 | 56 | 219 | S by E | 37 | ... | Fine with light clouds: lg. N. W. |
| 30 | 29·727 | 0·110 | 89·7 | 77·7 | 99·8 | 83·5 | 122·7 | 82·9 | 0·789 | 56 | 207 | S by E | 63 | ... | Passing clouds. |
| 31 | 29·739 | 0·123 | 90·4 | 77·5 | 104·3 | 83·2 | 132·4 | 82·6 | 0·770 | 54 | 150 | S by E | 53 | ... | Light clouds. |
| Mean | 29·790 | 0·128 | 87·6 | 78·8 | 98·2 | 81·6 | 128·5 | 80·4 | 0·867 | 66 | 208 | S S E | 48 | 1·60 | |

# Madras Meteorological Observations. 1878—June.

| June 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches. | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents. | Miles | Points | Cents | Inches | |
| 1 | 29·720 | 0·142 | 90·9 | 79·6 | 108·9 | 82·6 | 137·9 | 82·3 | 0·859 | 59 | 212 | South | 37 | ... | Fine with passing clouds: lg. S. W. |
| 2 | 29·698 | 0·131 | 90·6 | 77·8 | 109·5 | 83·3 | 119·6 | 82·7 | 0·781 | 54 | 238 | S S W | 50 | ... | Light clouds. |
| 3 | 29·662 | 0·108 | 92·8 | 76·1 | 108·8 | 86·7 | 124·4 | 85·5 | 0·676 | 44 | 236 | South | 60 | ... | Light clouds: lg. S. W. |
| 4 | 29·682 | 0·135 | 92·3 | 77·3 | 108·2 | 85·9 | 132·7 | 85·1 | 0·735 | 48 | 220 | S by W | 57 | ... | Light clouds: lg. N. W. |
| 5 | 29·697 | 0·109 | 88·3 | 78·9 | 104·2 | 80·7 | 128·4 | 77·9 | 0·863 | 64 | 274 | SW by W | 73 | 0·03 | Cloudy. |
| 6 | 29·695 | 0·130 | 89·1 | 78·2 | 107·3 | 83·3 | 117·6 | 82·3 | 0·818 | 59 | 259 | South | 73 | ... | Do. |
| 7 | 29·680 | 0·111 | 90·5 | 77·2 | 102·2 | 84·0 | 134·8 | 82·7 | 0·755 | 53 | 272 | South | 67 | ... | Light clouds. |
| 8 | 29·678 | 0·141 | 91·0 | 76·6 | 107·1 | 85·4 | 135·4 | 84·4 | 0·722 | 49 | 252 | S W | 53 | ... | Do. |
| 9 | 29·688 | 0·143 | 91·7 | 76·2 | 105·3 | 82·4 | 127·2 | 81·7 | 0·695 | 46 | 254 | SW by S | 60 | ... | Passing clouds. |
| 10 | 29·669 | 0·118 | 89·3 | 78·1 | 107·7 | 84·2 | 123·4 | 83·8 | 0·813 | 59 | 250 | S by E | 63 | ... | Light clouds: lg. W. |
| 11 | 29·695 | 0·093 | 91·0 | 77·2 | 105·6 | 85·2 | 135·0 | 84·5 | 0·748 | 51 | 186 | S by W | 53 | ... | Light passing clouds: lg. W. to N. |
| 12 | 29·691 | 0·149 | 91·2 | 77·5 | 105·5 | 85·2 | 127·4 | 84·6 | 0·760 | 52 | 277 | SW by S | 43 | ... | Fine with light clouds. |
| 13 | 29·669 | 0·129 | 92·2 | 76·6 | 106·9 | 84·9 | 139·8 | 85·3 | 0·706 | 47 | 265 | W S W | 60 | ... | Light passing clouds. |
| 14 | 29·639 | 0·134 | 93·8 | 78·3 | 105·5 | 85·2 | 135·1 | 84·2 | 0·760 | 48 | 302 | W S W | 63 | ... | Do. |
| 15 | 29·646 | 0·148 | 91·2 | 75·9 | 104·5 | 84·3 | 137·4 | 83·5 | 0·689 | 46 | 289 | SW by S | 57 | ... | Passing clouds. |
| 16 | 29·668 | 0·103 | 89·6 | 74·7 | 105·4 | 83·6 | 114·6 | 82·7 | 0·660 | 47 | 277 | S S W | 37 | ... | Fine with light clouds. |
| 17 | 29·681 | 0·121 | 88·8 | 77·1 | 97·3 | 83·1 | 145·4 | 82·3 | 0·774 | 57 | 276 | S by E | 47 | ... | Fine with passing clouds. |
| 18 | 29·664 | 0·101 | 89·5 | 77·7 | 106·6 | 84·1 | 132·4 | 83·5 | 0·791 | 56 | 231 | S by W | 57 | ... | Passing clouds. |
| 19 | 29·689 | 0·131 | 89·7 | 76·8 | 105·7 | 84·0 | 155·8 | 83·6 | 0·748 | 53 | 284 | S S W | 50 | ... | Do. |
| 20 | 29·731 | 0·094 | 89·6 | 77·3 | 107·8 | 85·3 | 158·4 | 85·1 | 0·772 | 55 | 253 | S by W | 50 | ... | Fine with light clouds. |
| 21 | 29·771 | 0·099 | 89·1 | 75·7 | 98·2 | 84·9 | 128·3 | 84·5 | 0·708 | 51 | 204 | S S W | 87 | ... | Cloudy: lg. |
| 22 | 29·758 | 0·078 | 87·0 | 74·9 | 95·2 | 82·0 | 123·4 | 81·7 | 0·703 | 55 | 197 | SW by S | 93 | 0·02 | Cloudy. |
| 23 | 29·742 | 0·114 | 85·5 | 74·9 | 98·1 | 78·8 | 130·6 | 76·8 | 0·724 | 59 | 154 | SW by S | 100 | ... | Overcast. |
| 24 | 29·745 | 0·094 | 87·1 | 76·8 | 95·4 | 82·3 | 121·2 | 79·5 | 0·784 | 60 | 137 | South | 97 | ... | Do. |
| 25 | 29·792 | 0·130 | 81·5 | 75·3 | 87·0 | 77·6 | 108·6 | 76·7 | 0·796 | 74 | 134 | S by W | 100 | 0·01 | Do. |
| 26 | 29·787 | 0·106 | 85·6 | 77·6 | 96·3 | 79·0 | 140·0 | 78·1 | 0·840 | 68 | 213 | South | 73 | ... | Cloudy: lg. W. |
| 27 | 29·733 | 0·167 | 84·9 | 75·7 | 99·6 | 78·2 | 152·2 | 77·7 | 0·765 | 64 | 242 | SW by S | 57 | 0·05 | Passing clouds. |
| 28 | 29·698 | 0·164 | 87·5 | 76·0 | 100·0 | 80·4 | 143·0 | 79·5 | 0·744 | 57 | 211 | SW by W | 67 | 0·01 | Do. |
| 29 | 29·701 | 0·111 | 86·8 | 76·3 | 103·1 | 80·2 | 139·8 | 79·1 | 0·766 | 60 | 214 | S S W | 53 | ... | Do. |
| 30 | 29·739 | 0·105 | 87·5 | 76·8 | 95·3 | 81·9 | 117·1 | 81·6 | 0·778 | 60 | 184 | SW by S | 73 | ... | Cloudy. |
| Mean | 29·704 | 0·121 | 89·2 | 76·8 | 102·9 | 82·9 | 132·2 | 82·1 | 0·758 | 55 | 233 | S S W | 64 | 0·12 | |

## Madras Meteorological Observations. 1878—July.

| July 1878 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·790 | 0·087 | 80·6 | 75·9 | 87·2 | 74·6 | 120·8 | 74·0 | 0·832 | 79 | 146 | S W | 100 | 1·05 | Overcast. |
| 2 | 29·742 | 0·140 | 85·0 | 78·8 | 98·4 | 80·1 | 147·7 | 78·9 | 0·902 | 75 | 151 | S S W | 70 | ... | Passing clouds. |
| 3 | 29·679 | 0·125 | 84·9 | 78·7 | 94·4 | 81·7 | 139·3 | 80·6 | 0·898 | 75 | 193 | South | 97 | 1·18 | Overcast : thunderstorm. |
| 4 | 29·691 | 0·107 | 81·0 | 77·0 | 88·0 | 74·2 | 108·1 | 73·8 | 0·875 | 83 | 143 | S by E | 100 | 0·02 | Overcast : th. and lg. |
| 5 | 29·770 | 0·075 | 82·6 | 77·8 | 93·2 | 79·2 | 134·3 | 77·8 | 0·889 | 79 | 153 | S S E | 100 | ... | Overcast. |
| 6 | 29·810 | 0·098 | 84·4 | 78·4 | 95·7 | 78·7 | 141·3 | 77·4 | 0·892 | 75 | 145 | SE by S | 27 | ... | Fine with passing clouds. |
| 7 | 29·829 | 0·134 | 78·4 | 74·8 | 83·9 | 74·5 | 101·6 | ... | 0·815 | 84 | 78 | S W | 90 | 0·34 | Overcast : rain. |
| 8 | 29·814 | 0·112 | 79·4 | 74·7 | 86·3 | 76·8 | 124·5 | 76·0 | 0·798 | 79 | 104 | N N W | 60 | ... | Fine with passing clouds. |
| 9 | 29·814 | 0·111 | 82·7 | 77·5 | 90·4 | 76·6 | 135·1 | 75·5 | 0·875 | 78 | 107 | E S E | 32 | 0·50 | Fine with passing clouds : rain. |
| 10 | 29·798 | 0·137 | 83·1 | 76·1 | 89·6 | 77·5 | 137·9 | 76·6 | 0·807 | 71 | 141 | S E | 17 | ... | Fine. |
| 11 | 29·801 | 0·105 | 85·2 | 78·5 | 92·6 | 79·4 | 136·5 | 77·8 | 0·886 | 73 | 140 | SE by E | 12 | ... | Do. |
| 12 | 29·764 | 0·140 | 85·9 | 77·1 | 96·0 | 79·3 | 144·5 | 77·6 | 0·813 | 66 | 152 | SE by S | 5 | ... | Do. |
| 13 | 29·695 | 0·142 | 86·5 | 79·1 | 97·6 | 81·0 | 143·7 | 79·2 | 0·895 | 70 | 162 | SE by S | 12 | ... | Do. |
| 14 | 29·685 | 0·149 | 85·8 | 77·6 | 99·3 | 79·4 | 138·3 | 78·8 | 0·837 | 68 | 170 | S by E | 17 | ... | Do. |
| 15 | 29·679 | 0·107 | 86·6 | 78·0 | 96·9 | 80·0 | 146·3 | 78·5 | 0·844 | 67 | 151 | S by E | 23 | ... | Fine with passing clouds. |
| 16 | 29·659 | 0·110 | 86·5 | 78·1 | 99·3 | 82·8 | 141·1 | 82·4 | 0·849 | 67 | 145 | S E | 57 | ... | Hazy and cloudy. |
| 17 | 29·683 | 0·086 | 85·4 | 77·2 | 93·8 | 82·1 | 112·5 | 81·6 | 0·824 | 67 | 97 | S by E | 90 | ... | Overcast : th. |
| 18 | 29·701 | 0·085 | 83·8 | 76·5 | 90·3 | 80·2 | 112·9 | 77·5 | 0·815 | 70 | 123 | NW by W | 100 | 0·02 | Overcast. |
| 19 | 29·657 | 0·136 | 80·1 | 76·2 | 92·1 | 75·1 | 124·9 | 73·6 | 0·852 | 82 | 122 | SW by W | 100 | 0·52 | Overcast with rain. |
| 20 | 29·679 | 0·073 | 78·7 | 74·2 | 82·4 | 76·0 | 111·5 | 73·9 | 0·786 | 80 | 228 | S S W | 100 | 0·21 | Do. |
| 21 | 29·726 | 0·123 | 80·3 | 74·5 | 88·6 | 77·3 | 124·8 | 76·6 | 0·777 | 75 | 237 | SW by S | 100 | 0·07 | Do. |
| 22 | 29·751 | 0·054 | 77·4 | 74·0 | 79·4 | 75·4 | 92·3 | 73·9 | 0·795 | 84 | 162 | SW by S | 100 | 0·35 | Do. |
| 23 | 29·687 | 0·119 | 81·4 | 75·5 | 86·5 | 76·5 | 118·2 | 75·6 | 0·805 | 75 | 160 | S S W | 100 | ... | Overcast. |
| 24 | 29·715 | 0·113 | 84·5 | 75·0 | 93·4 | 77·3 | 135·4 | 74·8 | 0·741 | 62 | 216 | SW by S | 80 | 0·02 | Cloudy. |
| 25 | 29·719 | 0·123 | 85·7 | 76·8 | 96·4 | 79·0 | 125·7 | 77·5 | 0·802 | 65 | 198 | S S W | 73 | ... | Do. |
| 26 | 29·753 | 0·136 | 84·7 | 75·1 | 92·3 | 80·1 | 130·1 | 78·6 | 0·744 | 62 | 134 | S S W | 100 | ... | Overcast. |
| 27 | 29·761 | 0·119 | 86·3 | 75·5 | 95·6 | 80·1 | 133·7 | 79·2 | 0·739 | 59 | 165 | S S W | 87 | ... | Chiefly overcast. |
| 28 | 29·770 | 0·134 | 86·8 | 75·6 | 98·4 | 79·8 | 136·7 | 78·3 | 0·735 | 58 | 193 | S S W | 87 | ... | Do. |
| 29 | 29·780 | 0·099 | 85·8 | 75·3 | 96·3 | 79·4 | 119·4 | 77·6 | 0·744 | 59 | 183 | South | 90 | ... | Overcast. |
| 30 | 29·780 | 0·116 | 86·5 | 75·3 | 95·1 | 80·1 | 132·3 | 78·8 | 0·727 | 57 | 198 | S S W | 87 | ... | Cloudy. |
| 31 | 29·768 | 0·101 | 85·3 | 76·0 | 92·2 | 81·6 | 114·3 | 80·1 | 0·773 | 63 | 107 | SW by S | 100 | 0·52 | Overcast with rain. |
| Mean | 29·740 | 0·113 | 83·6 | 76·5 | 92·3 | 78·6 | 127·9 | 77·4 | 0·818 | 71 | 155 | S by W | 71 | 4·80 | |

# Madras Meteorological Observations. 1878—August.

| August 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·718 | 0·135 | 82·4 | 75·3 | 88·5 | 71·9 | 126·0 | 70·1 | 0·783 | 71 | 121 | W by S | 90 | 0·28 | Overcast with rain. |
| 2 | 29·705 | 0·104 | 80·0 | 74·5 | 87·5 | 76·9 | 125·2 | 75·4 | 0·781 | 76 | 163 | S W | 100 | 0·60 | Do. |
| 3 | 29·697 | 0·137 | 81·2 | 74·0 | 88·5 | 75·0 | 130·2 | 73·7 | 0·744 | 70 | 212 | SW by S | 93 | 0·05 | Cloudy. |
| 4 | 29·694 | 0·140 | 84·6 | 75·4 | 95·1 | 76·7 | 126·2 | 74·2 | 0·757 | 63 | 154 | S W | 73 | 0·03 | Do. |
| 5 | 29·684 | 0·126 | 85·1 | 75·1 | 94·3 | 78·9 | 137·3 | 77·8 | 0·738 | 61 | 204 | S W | 82 | ... | Do. |
| 6 | 29·685 | 0·089 | 84·2 | 75·4 | 92·1 | 78·5 | 125·6 | 77·7 | 0·762 | 64 | 203 | SW by S | 90 | 0·01 | Do. |
| 7 | 29·702 | 0·106 | 84·1 | 75·4 | 95·2 | 78·1 | 122·8 | 75·9 | 0·764 | 65 | 215 | S S W | 90 | 0·49 | Cloudy : rain. |
| 8 | 29·763 | 0·108 | 82·3 | 75·9 | 95·2 | 75·3 | 134·4 | 75·8 | 0·809 | 73 | 143 | S S W | 63 | 0·02 | Passing clouds : lg. N. E. |
| 9 | 29·754 | 0·106 | 83·1 | 75·7 | 90·0 | 77·9 | 122·2 | 76·7 | 0·789 | 69 | 95 | S S W | 97 | ... | Overcast. |
| 10 | 29·715 | 0·129 | 81·7 | 74·4 | 86·5 | 78·9 | 115·2 | 77·6 | 0·754 | 69 | 118 | SW by W | 100 | ... | Do. |
| 11 | 29·701 | 0·079 | 76·8 | 73·8 | 78·8 | 74·9 | 96·1 | 74·0 | 0·795 | 86 | 191 | S S W | 100 | 0·51 | Overcast with rain. |
| 12 | 29·758 | 0·126 | 79·9 | 74·6 | 89·7 | 75·7 | 136·2 | 74·7 | 0·787 | 76 | 145 | S S W | 97 | 0·18 | Do. |
| 13 | 29·779 | 0·131 | 81·7 | 76·3 | 89·8 | 75·0 | 128·2 | 74·7 | 0·835 | 77 | 103 | SW by S | 98 | 0·30 | Do. |
| 14 | 29·811 | 0·145 | 78·8 | 74·5 | 86·9 | 73·9 | 118·0 | 72·9 | 0·799 | 80 | 107 | South | 97 | 2·21 | Do. |
| 15 | 29·820 | 0·116 | 82·2 | 77·1 | 91·4 | 77·7 | 123·4 | 76·7 | 0·864 | 79 | 173 | S S E | 60 | ... | Passing clouds. |
| 16 | 29·797 | 0·136 | 84·1 | 78·1 | 94·6 | 78·7 | 152·7 | 77·7 | 0·881 | 75 | 210 | S by E | 60 | ... | Do. |
| 17 | 29·792 | 0·113 | 84·5 | 76·9 | 94·0 | 77·6 | 142·5 | 76·5 | 0·824 | 70 | 155 | S by W | 73 | 0·04 | Cloudy : lg. S. W. and N. W. |
| 18 | 29·799 | 0·104 | 84·1 | 76·9 | 93·2 | 76·3 | 120·9 | 75·5 | 0·829 | 71 | 119 | S W | 70 | ... | Cloudy : lg. S. |
| 19 | 29·789 | 0·114 | 84·9 | 77·9 | 96·6 | 78·5 | 147·5 | 76·9 | 0·863 | 72 | 140 | S by E | 40 | ... | Fine with light clouds : lg. W. |
| 20 | 29·804 | 0·116 | 82·5 | 77·2 | 89·0 | 76·3 | 141·0 | 75·0 | 0·864 | 77 | 127 | S by W | 77 | 0·36 | Cloudy : lg. N. W. : rain. |
| 21 | 29·783 | 0·132 | 83·1 | 76·4 | 94·6 | 77·5 | 146·1 | 75·8 | 0·820 | 72 | 195 | S S W | 70 | 0·29 | Cloudy : rain. |
| 22 | 29·761 | 0·157 | 81·1 | 76·1 | 92·1 | 74·6 | 125·5 | 73·6 | 0·834 | 78 | 226 | S by W | 97 | 0·20 | Overcast : lg. W. and S. W. |
| 23 | 29·739 | 0·119 | 83·0 | 76·9 | 92·3 | 76·3 | 149·5 | 74·9 | 0·844 | 75 | 157 | S by E | 60 | ... | Passing clouds : lg. W. and N. W. |
| 24 | 29·757 | 0·120 | 84·1 | 77·1 | 95·2 | 78·1 | 149·9 | 76·7 | 0·837 | 72 | 125 | S by E | 35 | ... | Fine with passing clouds : lg. W. |
| 25 | 29·764 | 0·128 | 84·5 | 78·8 | 92·6 | 77·5 | 135·6 | 75·8 | 0·909 | 77 | 138 | East | 33 | ... | Fine with passing clouds. |
| 26 | 29·772 | 0·135 | 83·4 | 76·2 | 95·8 | 75·1 | 149·5 | 73·7 | 0·808 | 70 | 173 | South | 17 | ... | Fine : lg. S. W. |
| 27 | 29·778 | 0·138 | 82·9 | 77·0 | 92·9 | 77·6 | 122·4 | 76·6 | 0·849 | 75 | 97 | SW by S | 73 | ... | Cloudy. |
| 28 | 29·770 | 0·164 | 81·8 | 76·2 | 92·6 | 77·3 | 139·7 | 75·9 | 0·830 | 77 | 107 | South | 73 | 0·01 | Do. |
| 29 | 29·744 | 0·154 | 83·1 | 75·6 | 91·3 | 76·9 | 150·6 | 75·9 | 0·786 | 69 | 136 | South | 47 | ... | Fine with passing clouds : lg. N. |
| 30 | 29·765 | 0·111 | 85·0 | 77·4 | 94·0 | 79·1 | 148·3 | 77·9 | 0·839 | 70 | 93 | SE by S | 23 | ... | Fine with passing clouds : lg. W. |
| 31 | 29·816 | 0·129 | 83·7 | 76·9 | 90·8 | 79·3 | 141·3 | 76·8 | 0·834 | 72 | 104 | SE by E | 50 | 0·04 | Passing clouds : lg. N. W. |
| Mean | 29·755 | 0·124 | 82·7 | 76·1 | 91·6 | 76·8 | 133·2 | 75·6 | 0·813 | 73 | 150 | S by W | 72 | 5·62 | |

# Madras Meteorological Observations. 1878—September.

| September 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·804 | 0·120 | 80·6 | 76·4 | 88·5 | 77·2 | 113·7 | 76·0 | 0·855 | 81 | 59 | E N E | 87 | 1·25 | Cloudy with rain. |
| 2 | 29·784 | 0·130 | 82·0 | 76·3 | 88·1 | 76·2 | 144·4 | 73·8 | 0·831 | 76 | 81 | SE by E | 40 | 0·12 | Fine with light clouds. |
| 3 | 29·783 | 0·115 | 83·6 | 77·7 | 89·2 | 79·3 | 143·8 | 77·7 | 0·871 | 75 | 137 | SE by S | 47 | ... | Passing clouds. |
| 4 | 29·806 | 0·133 | 81·1 | 75·8 | 93·7 | 75·6 | 121·9 | 73·7 | 0·821 | 77 | 107 | South | 73 | 0·38 | Cloudy : rain. |
| 5 | 29·811 | 0·135 | 79·5 | 74·9 | 87·5 | 76·3 | 114·4 | 74·7 | 0·805 | 80 | 183 | S S W | 100 | 2·10 | Overcast : th. lg. and rain. |
| 6 | 29·789 | 0·115 | 79·0 | 74·6 | 86·1 | 74·2 | 115·7 | 73·6 | 0·796 | 80 | 108 | S W | 100 | 0·47 | Do. : do. |
| 7 | 29·794 | 0·125 | 81·5 | 74·9 | 90·3 | 74·6 | 136·9 | 74·3 | 0·778 | 73 | 93 | S W | 93 | 0·17 | Cloudy with rain. |
| 8 | 29·818 | 0·131 | 81·7 | 74·4 | 92·2 | 77·2 | 125·4 | 76·0 | 0·754 | 69 | 128 | S W | 87 | 0·23 | Cloudy : th. and lg. N. |
| 9 | 29·822 | 0·085 | 80·7 | 74·6 | 88·5 | 76·1 | 136·9 | 74·6 | 0·776 | 74 | 192 | SW by S | 83 | 0·02 | Cloudy : th. and lg. W. and E. |
| 10 | 29·835 | 0·100 | 81·5 | 75·8 | 89·1 | 76·2 | 122·4 | 73·9 | 0·816 | 76 | 163 | SW by S | 93 | 0·07 | Cloudy. |
| 11 | 29·785 | 0·148 | 82·9 | 75·8 | 94·9 | 77·5 | 148·4 | 76·6 | 0·797 | 71 | 144 | S S W | 63 | 0·30 | Passing clouds : lg. : rain. |
| 12 | 29·710 | 0·188 | 84·3 | 75·3 | 93·2 | 77·6 | 145·4 | 76·5 | 0·757 | 64 | 152 | SW by W | 73 | ... | Passing clouds : lg. S. |
| 13 | 29·685 | 0·095 | 82·1 | 75·4 | 89·5 | 78·0 | 114·4 | 74·7 | 0·791 | 72 | 125 | W S W | 100 | 0·29 | Overcast : rain. |
| 14 | 29·715 | 0·102 | 83·2 | 75·6 | 90·1 | 74·2 | 128·4 | 75·5 | 0·785 | 69 | 126 | W S W | 100 | 0·05 | Overcast. |
| 15 | 29·740 | 0·137 | 85·8 | 75·9 | 94·3 | 79·2 | 138·2 | 77·8 | 0·763 | 61 | 187 | SW by W | 67 | ... | Cloudy. |
| 16 | 29·756 | 0·143 | 85·2 | 75·6 | 95·1 | 78·0 | 147·9 | 74·8 | 0·758 | 63 | 223 | SW by S | 57 | 0·18 | Passing clouds : rain. |
| 17 | 29·718 | 0·164 | 85·3 | 76·0 | 96·0 | 77·1 | 147·4 | 75·4 | 0·773 | 63 | 189 | S S W | 42 | ... | Fine with passing clouds. |
| 18 | 29·673 | 0·142 | 86·5 | 75·8 | 06·3 | 78·0 | 144·4 | 75·8 | 0·747 | 59 | 194 | S S W | 40 | ... | Do. |
| 19 | 29·674 | 0·138 | 85·8 | 76·4 | 06·0 | 79·2 | 149·4 | 77·3 | 0·784 | 63 | 228 | SW by S | 40 | ... | Passing clouds. |
| 20 | 29·699 | 0·125 | 85·3 | 75·9 | 97·2 | 80·1 | 151·4 | 77·2 | 0·768 | 63 | 238 | S S W | 50 | ... | Fine with passing clouds. |
| 21 | 29·723 | 0·138 | 87·4 | 77·0 | 95·8 | 80·6 | 130·4 | 78·9 | 0·788 | 60 | 234 | S S W | 60 | ... | Passing clouds. |
| 22 | 29·750 | 0·158 | 84·9 | 76·9 | 97·4 | 79·6 | 152·4 | 77·0 | 0·818 | 68 | 158 | S S W | 67 | 0·01 | Do. |
| 23 | 29·747 | 0·145 | 87·3 | 76·7 | 97·2 | 80·2 | 146·9 | 78·3 | 0·777 | 60 | 196 | W S W | 67 | 0·05 | Do. |
| 24 | 29·761 | 0·142 | 85·8 | 76·1 | 97·3 | 78·1 | 150·4 | 75·7 | 0·771 | 62 | 165 | SW by W | 60 | ... | Do. |
| 25 | 29·775 | 0·116 | 84·1 | 76·2 | 93·3 | 80·5 | 137·6 | 79·3 | 0·798 | 68 | 118 | SW by W | 83 | ... | Cloudy. |
| 26 | 29·797 | 0·154 | 84·2 | 75·4 | 93·2 | 78·2 | 130·8 | 77·7 | 0·763 | 64 | 175 | W by S | 73 | ... | Cloudy : lg. E. |
| 27 | 29·766 | 0·137 | 82·0 | 76·2 | 94·4 | 77·2 | 131·4 | 75·7 | 0·827 | 75 | 111 | South | 87 | 0·38 | Cloudy : rain. |
| 28 | 29·753 | 0·121 | 81·3 | 76·3 | 88·1 | 76·3 | 120·6 | 74·9 | 0·840 | 78 | 125 | W by N | 90 | ... | Cloudy. |
| 29 | 29·734 | 0·133 | 80·9 | 75·9 | 91·4 | 77·0 | 125·1 | 75·7 | 0·828 | 78 | 136 | N by E | 53 | ... | Light passing clouds : lg. N. W. |
| 30 | 29·737 | 0·119 | 82·8 | 77·1 | 90·1 | 77·2 | 142·4 | 75·7 | 0·855 | 76 | 106 | East | 57 | ... | Passing clouds. |
| Mean | 29·758 | 0·131 | 83·3 | 75·9 | 92·5 | 77·6 | 135·2 | 76·0 | 0·796 | 70 | 153 | SW by S | 71 | 6·07 | |

# Madras Meteorological Observations. 1878—October.

| October 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·732 | 0·143 | 82·8 | 77·0 | 89·4 | 77·2 | 147·3 | 76·3 | 0·851 | 75 | 135 | S E | 47 | 0·15 | Cloudy day : fine night. |
| 2 | 29·713 | 0·147 | 82·3 | 77·7 | 88·1 | 76·6 | 144·3 | 75·5 | 0·889 | 81 | 166 | SE by E | 67 | 0·09 | Passing clouds. |
| 3 | 29·740 | 0·132 | 81·5 | 77·1 | 90·2 | 77·2 | 128·2 | 75·5 | 0·872 | 81 | 126 | S E by S | 83 | ... | Cheifly overcast. |
| 4 | 29·794 | 0·151 | 77·8 | 74·4 | 84·0 | 75·9 | 120·9 | 69·5 | 0·806 | 84 | 148 | S S W | 97 | 0·28 | Overcast with rain. |
| 5 | 29·804 | 0·151 | 82·8 | 76·5 | 91·8 | 76·6 | 119·3 | 75·0 | 0·829 | 78 | 138 | S by E | 78 | 0·66 | Overcast : th. and lg. N. |
| 6 | 29·801 | 0·149 | 78·2 | 74·9 | 89·2 | 72·3 | 135·3 | 71·5 | 0·820 | 84 | 138 | SW by S | 93 | 4·37 | Overcast : th. N. W. |
| 7 | 29·814 | 0·120 | 81·6 | 76·2 | 89·3 | 74·6 | 135·3 | 73·7 | 0·832 | 77 | 132 | West | 90 | 0·10 | Cloudy. |
| 8 | 29·827 | 0·126 | 81·8 | 76·4 | 89·4 | 77·4 | 129·3 | 75·6 | 0·838 | 77 | 126 | N W by W | 97 | ... | Overcast. |
| 9 | 29·823 | 0·127 | 83·2 | 77·4 | 91·6 | 77·0 | 137·3 | 74·7 | 0·863 | 75 | 102 | N W | 97 | ... | Do. |
| 10 | 29·817 | 0·152 | 82·9 | 76·5 | 89·8 | 78·3 | 128·1 | 76·3 | 0·827 | 73 | 74 | N W by N | 98 | ... | Do. |
| 11 | 29·815 | 0·119 | 84·1 | 77·1 | 92·2 | 77·0 | 149·3 | 74·5 | 0·837 | 72 | 126 | N W by N | 70 | ... | Light clouds. |
| 12 | 29·820 | 0·109 | 84·3 | 75·6 | 92·3 | 80·3 | 149·3 | 71·5 | 0·769 | 65 | 115 | N by E | 70 | ... | Do. |
| 13 | 29·787 | 0·112 | 80·1 | 74·8 | 85·1 | 75·6 | 115·3 | 72·6 | 0·782 | 76 | 52 | N E by N | 100 | 0·06 | Overcast. |
| 14 | 29·787 | 0·127 | 80·4 | 72·5 | 91·6 | 73·1 | 145·3 | 71·3 | 0·694 | 67 | 90 | N W by N | 97 | 0·06 | Do. |
| 15 | 29·754 | 0·124 | 82·5 | 73·4 | 95·7 | 73·1 | 151·3 | 68·9 | 0·702 | 63 | 120 | W S W | 53 | ... | Fine with passing clouds. |
| 16 | 29·740 | 0·117 | 81·5 | 75·4 | 96·5 | 77·0 | 150·2 | 74·6 | 0·801 | 74 | 161 | S S W | 73 | 0·45 | Cloudy : thunderstorm. |
| 17 | 29·783 | 0·095 | 81·5 | 77·2 | 89·8 | 76·4 | 140·1 | 75·5 | 0·877 | 81 | 134 | S by E | 43 | ... | Passing clouds : th. and lg. |
| 18 | 29·838 | 0·125 | 80·3 | 76·5 | 87·5 | 77·2 | 140·2 | 76·4 | 0·863 | 83 | 93 | S by E | 67 | 0·03 | Passing clouds : lg. W. |
| 19 | 29·840 | 0·145 | 82·0 | 76·5 | 89·7 | 77·8 | 141·2 | 75·5 | 0·840 | 77 | 145 | SE by S | 37 | ... | Fine with passing clouds. |
| 20 | 29·827 | 0·157 | 82·7 | 76·5 | 91·4 | 76·4 | 148·2 | 73·4 | 0·830 | 74 | 142 | SE by S | 18 | ... | Fine with light clouds. |
| 21 | 29·815 | 0·146 | 83·1 | 77·2 | 93·0 | 78·4 | 141·1 | 75·5 | 0·855 | 75 | 112 | SE by S | 28 | ... | Do. |
| 22 | 29·851 | 0·133 | 82·4 | 77·1 | 89·5 | 76·9 | 146·2 | 73·8 | 0·861 | 77 | 91 | E S E | 40 | ... | Fine with passing clouds. |
| 23 | 29·861 | 0·126 | 82·6 | 76·0 | 92·0 | 76·2 | 143·7 | 72·5 | 0·810 | 73 | 96 | East | 37 | 0·01 | Do. |
| 24 | 29·835 | 0·130 | 82·2 | 76·0 | 90·7 | 76·4 | 148·0 | 72·7 | 0·815 | 74 | 98 | N E | 23 | ... | Fine. |
| 25 | 29·846 | 0·114 | 81·6 | 74·5 | 91·4 | 74·1 | 150·3 | 69·9 | 0·760 | 71 | 128 | N N E | 25 | ... | Do. |
| 26 | 29·822 | 0·108 | 82·2 | 74·6 | 92·2 | 75·2 | 146·4 | 70·9 | 0·756 | 69 | 185 | N by E | 48 | ... | Passing clouds. |
| 27 | 29·803 | 0·122 | 82·0 | 73·6 | 89·8 | 77·0 | 130·6 | 74·4 | 0·717 | 65 | 276 | North | 83 | ... | Cloudy. |
| 28 | 29·751 | 0·111 | 79·7 | 70·8 | 85·4 | 77·2 | 110·0 | 76·1 | 0·636 | 62 | 252 | N N W | 90 | ... | Overcast. |
| 29 | 29·722 | 0·126 | 80·7 | 70·6 | 91·0 | 73·2 | 136·2 | 71·7 | 0·615 | 59 | 135 | West | 80 | ... | Cloudy. |
| 30 | 29·711 | 0·109 | 82·9 | 74·2 | 94·2 | 74·0 | 146·8 | 70·6 | 0·730 | 64 | 105 | W by S | 73 | ... | Overcast. |
| 31 | 29·745 | 0·096 | 82·7 | 74·5 | 90·4 | 77·8 | 118·8 | 76·2 | 0·745 | 66 | 85 | S W | 90 | ... | Do. |
| Mean | 29·794 | 0·127 | 81·8 | 75·4 | 90·5 | 76·2 | 137·9 | 73·6 | 0·797 | 73 | 130 | W S W | 67 | 6·26 | |

# Madras Meteorological Observations. 1878—November.

| November 1878 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity. | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·771 | 0·120 | 77·7 | 75·1 | 91·2 | 75·9 | 141·1 | 74·7 | 0·839 | 89 | 73 | W N W | 90 | 0·51 | Cloudy with rain. |
| 2 | 29·748 | 0·105 | 81·0 | 76·8 | 88·8 | 75·6 | 140·4 | 74·7 | 0·866 | 82 | 131 | N N W | 70 | 0·11 | Do. |
| 3 | 29·722 | 0·120 | 81·1 | 76·7 | 88·8 | 76·4 | 116·0 | 74·7 | 0·863 | 81 | 128 | N by W | 87 | 0·09 | Do. |
| 4 | 29·662 | 0·110 | 80·6 | 75·4 | 86·4 | 76·2 | 111·4 | 74·5 | 0·811 | 77 | 132 | W by N | 100 | ... | Overcast. |
| 5 | 29·682 | 0·125 | 81·0 | 72·6 | 88·8 | 77·0 | 129·2 | 75·6 | 0·689 | 65 | 161 | W by S | 90 | ... | Cloudy. |
| 6 | 29·759 | 0·108 | 80·5 | 69·0 | 94·8 | 70·3 | 148·2 | 64·2 | 0·556 | 53 | 122 | SW by S | 17 | ... | Fine. |
| 7 | 29·856 | 0·085 | 80·8 | 75·6 | 90·3 | 74·0 | 113·4 | 70·7 | 0·816 | 78 | 80 | SE by E | 53 | ... | Passing clouds. |
| 8 | 29·885 | 0·109 | 81·8 | 76·5 | 89·6 | 75·5 | 145·4 | 72·6 | 0·842 | 77 | 87 | E S E | 33 | ... | Fine. |
| 9 | 29·894 | 0·113 | 81·3 | 75·6 | 90·7 | 74·6 | 146·0 | 71·0 | 0·811 | 76 | 87 | E by S | 20 | ... | Do. |
| 10 | 29·904 | 0·097 | 81·1 | 75·2 | 90·1 | 75·0 | 145·2 | 71·7 | 0·796 | 74 | 89 | E N E | 18 | ... | Do. |
| 11 | 29·907 | 0·122 | 81·3 | 75·0 | 90·0 | 74·2 | 146·6 | 70·9 | 0·785 | 73 | 119 | NE by E | 20 | ... | Do. |
| 12 | 29·892 | 0·099 | 80·7 | 74·2 | 90·5 | 73·9 | 146·2 | 70·0 | 0·759 | 72 | 117 | N E | 30 | ... | Fine with passing clouds. |
| 13 | 29·888 | 0·128 | 81·9 | 74·4 | 91·7 | 73·9 | 147·0 | 70·0 | 0·751 | 69 | 165 | N N E | 60 | ... | Passing clouds. |
| 14 | 29·908 | 0·108 | 81·6 | 72·9 | 89·6 | 74·9 | 139·5 | 72·3 | 0·689 | 64 | 178 | N by E | 23 | ... | Fine with light clouds. |
| 15 | 29·904 | 0·128 | 79·6 | 71·5 | 90·3 | 71·8 | 152·7 | 68·0 | 0·665 | 66 | 156 | North | 30 | ... | Do. |
| 16 | 29·885 | 0·113 | 78·0 | 70·1 | 89·5 | 68·7 | 150·4 | 63·9 | 0·631 | 65 | 177 | N by W | 67 | ... | Light passing clouds. |
| 17 | 29·869 | 0·130 | 77·9 | 69·3 | 85·9 | 71·6 | 115·6 | 69·5 | 0·603 | 63 | 139 | N by W | 97 | ... | Chiefly overcast. |
| 18 | 29·877 | 0·114 | 75·8 | 66·0 | 80·4 | 71·9 | 108·6 | 69·6 | 0·508 | 56 | 184 | N N W | 97 | ... | Do. |
| 19 | 29·867 | 0·122 | 68·4 | 62·3 | 72·9 | 61·5 | 102·6 | 61·8 | 0·482 | 70 | 195 | N W | 100 | 0·01 | Overcast. |
| 20 | 29·840 | 0·110 | 74·0 | 69·6 | 82·5 | 68·6 | 116·2 | 67·8 | 0·666 | 79 | 157 | W N W | 100 | 0·01 | Overcast : lg. N. E. |
| 21 | 29·864 | 0·111 | 79·9 | 73·9 | 87·1 | 73·2 | 129·9 | 72·2 | 0·757 | 74 | 136 | S by W | 53 | ... | Cloudy day : fine night : lg. S. W. |
| 22 | 29·892 | 0·117 | 81·6 | 75·2 | 88·5 | 78·1 | 138·4 | 76·6 | 0·789 | 73 | 173 | E by S | 50 | ... | Passing clouds. |
| 23 | 29·921 | 0·101 | 80·6 | 74·5 | 89·5 | 75·5 | 145·4 | 72·4 | 0·774 | 74 | 151 | N E | 63 | 0·02 | Do. |
| 24 | 29·906 | 0·128 | 79·3 | 74·7 | 84·3 | 75·7 | 118·2 | 73·0 | 0·799 | 80 | 185 | North | 87 | 0·16 | Cloudy with rain. |
| 25 | 29·928 | 0·077 | 78·9 | 74·8 | 85·1 | 74·6 | 126·4 | 73·6 | 0·809 | 82 | 161 | N by E | 70 | 0·12 | Do. |
| 26 | 29·942 | 0·121 | 80·4 | 74·5 | 88·7 | 73·1 | 143·4 | 70·8 | 0·775 | 74 | 191 | N N E | 47 | ... | Passing clouds. |
| 27 | 29·941 | 0·106 | 80·3 | 72·2 | 88·4 | 73·5 | 137·2 | 70·3 | 0·683 | 66 | 233 | N N E | 40 | ... | Fine with passing clouds. |
| 28 | 29·923 | 0·102 | 77·0 | 69·3 | 88·6 | 68·0 | 149·2 | 63·7 | 0·615 | 66 | 179 | N by E | 40 | ... | Do. |
| 29 | 29·915 | 0·099 | 78·7 | 70·6 | 88·3 | 69·9 | 137·6 | 66·4 | 0·642 | 66 | 213 | North | 53 | 0·01 | Cloudy. |
| 30 | 29·902 | 0·111 | 77·9 | 73·0 | 84·4 | 73·0 | 115·4 | 71·2 | 0·747 | 78 | 212 | N by E | 87 | 1·06 | Overcast with rain. |
| Mean | 29·862 | 0·111 | 79·4 | 72·9 | 87·9 | 73·2 | 133·4 | 70·6 | 0·727 | 72 | 150 | N by E | 60 | 2·10 | |

# Madras Meteorological Observations. 1878—December.

| December 1878 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·894 | 0·134 | 77·5 | 73·6 | 84·6 | 72·0 | 145·9 | 71·1 | 0·777 | 82 | 128 | N by E | 80 | 0·47 | Cloudy with rain. |
| 2 | 29·895 | 0·106 | 78·7 | 74·1 | 86·2 | 73·2 | 140·3 | 72·1 | 0·782 | 80 | 155 | N by W | 67 | 0·05 | Passing clouds. |
| 3 | 29·875 | 0·087 | 78·5 | 73·8 | 84·1 | 74·1 | 127·4 | 73·1 | 0·772 | 79 | 256 | N by W | 90 | ... | Cloudy. |
| 4 | 29·796 | 0·083 | 75·3 | 71·4 | 77·0 | 73·0 | 98·7 | 72·6 | 0·717 | 81 | 287 | NW by N | 100 | 0·04 | Overcast. |
| 5 | 29·741 | 0·110 | 79·2 | 70·4 | 83·2 | 75·6 | 116·3 | 73·9 | 0·626 | 61 | 287 | N W | 97 | ... | Do. |
| 6 | 29·733 | 0·129 | 81·5 | 73·4 | 93·0 | 75·0 | 147·7 | 72·1 | 0·715 | 66 | 136 | N W | 63 | ... | Passing clouds. |
| 7 | 29·732 | 0·143 | 83·3 | 74·5 | 94·7 | 76·8 | 145·8 | 75·3 | 0·737 | 64 | 171 | SW by S | 30 | ... | Fine. |
| 8 | 29·793 | 0·123 | 81·7 | 75·4 | 90·9 | 76·8 | 147·0 | 74·7 | 0·797 | 73 | 134 | S by E | 13 | ... | Do. |
| 9 | 29·860 | 0·136 | 77·8 | 74·8 | 86·8 | 76·3 | 126·0 | 74·0 | 0·823 | 86 | 81 | S E | 87 | 0·31 | Cloudy with rain. |
| 10 | 29·865 | 0·123 | 79·3 | 74·4 | 87·5 | 74·2 | 109·5 | 72·3 | 0·787 | 78 | 79 | N E | 70 | 0·15 | Passing clouds : rain. |
| 11 | 29·890 | 0·103 | 77·7 | 73·5 | 85·6 | 72·2 | 139·5 | 70·1 | 0·771 | 81 | 126 | N by E | 60 | 0·01 | Passing clouds. |
| 12 | 29·862 | 0·106 | 78·0 | 72·5 | 87·9 | 70·6 | 112·7 | 67·9 | 0·726 | 76 | 150 | N by E | 40 | ... | Do. |
| 13 | 29·863 | 0·109 | 78·2 | 72·6 | 87·2 | 71·2 | 146·5 | 68·4 | 0·727 | 76 | 170 | N by E | 40 | ... | Fine with passing clouds. |
| 14 | 29·884 | 0·106 | 78·6 | 72·2 | 86·4 | 72·1 | 113·5 | 69·5 | 0·705 | 72 | 193 | N by E | 50 | ... | Cloudy. |
| 15 | 29·935 | 0·085 | 78·9 | 71·9 | 85·9 | 75·9 | 120·9 | 74·0 | 0·689 | 70 | 256 | NE by N | 67 | 0·05 | Do. |
| 16 | 29·927 | 0·119 | 77·2 | 70·5 | 84·7 | 71·2 | 116·5 | 69·4 | 0·658 | 70 | 244 | North | 83 | ... | Do. |
| 17 | 29·929 | 0·114 | 76·3 | 70·6 | 81·7 | 73·2 | 117·0 | 72·5 | 0·673 | 74 | 260 | N by W | 90 | ... | Chiefly overcast. |
| 18 | 29·912 | 0·102 | 77·1 | 69·2 | 85·6 | 69·7 | 144·0 | 67·4 | 0·609 | 65 | 305 | N by W | 60 | ... | Passing clouds. |
| 19 | 29·932 | 0·082 | 73·5 | 70·1 | 79·9 | 75·2 | 92·5 | 73·5 | 0·692 | 83 | 278 | N N W | 100 | 0·55 | Overcast with rain. |
| 20 | 29·939 | 0·127 | 72·1 | 66·6 | 76·8 | 68·6 | 105·5 | 68·8 | 0·580 | 74 | 234 | NW by N | 93 | ... | Chiefly overcast. |
| 21 | 29·885 | 0·152 | 73·7 | 66·8 | 82·5 | 68·2 | 122·7 | 65·5 | 0·566 | 68 | 193 | N N W | 37 | ... | Light passing clouds. |
| 22 | 29·873 | 0·117 | 72·0 | 66·0 | 84·7 | 61·6 | 127·7 | 58·3 | 0·560 | 71 | 142 | N by W | 27 | ... | Fine with passing clouds. |
| 23 | 29·926 | 0·090 | 73·8 | 66·9 | 83·2 | 66·2 | 119·1 | 62·4 | 0·568 | 68 | 164 | North | 20 | ... | Fine. |
| 24 | 29·957 | 0·094 | 73·1 | 64·9 | 83·2 | 63·1 | 114·3 | 59·4 | 0·507 | 62 | 174 | North | 33 | ... | Fine day : cloudy night. |
| 25 | 29·966 | 0·095 | 74·1 | 68·2 | 82·6 | 68·5 | 113·3 | 66·2 | 0·612 | 72 | 198 | N by W | 80 | ... | Chiefly overcast. |
| 26 | 29·954 | 0·129 | 77·9 | 72·5 | 87·5 | 70·4 | 143·1 | 68·0 | 0·727 | 76 | 150 | N by E | 63 | ... | Cloudy. |
| 27 | 29·972 | 0·099 | 79·8 | 74·5 | 87·9 | 75·7 | 141·3 | 73·7 | 0·784 | 76 | 195 | N E | 63 | ... | Passing clouds. |
| 28 | 29·981 | 0·118 | 78·7 | 73·4 | 87·5 | 72·2 | 142·9 | 70·7 | 0·753 | 76 | 163 | N N E | 40 | ... | Fine with passing clouds. |
| 29 | 29·998 | 0·133 | 77·9 | 71·8 | 86·2 | 70·4 | 133·0 | 67·4 | 0·700 | 74 | 102 | NE by E | 37 | ... | Do. |
| 30 | 30·004 | 0·120 | 75·4 | 68·9 | 86·1 | 68·2 | 140·3 | 64·8 | 0·621 | 71 | 100 | N E | 40 | ... | Do. |
| 31 | 30·002 | 0·120 | 73·6 | 64·1 | 86·5 | 63·4 | 143·4 | 59·5 | 0·473 | 57 | 176 | N N E | 17 | ... | Fine. |
| Mean | 29·896 | 0·113 | 77·1 | 71·1 | 85·4 | 71·4 | 128·5 | 69·3 | 0·685 | 73 | 183 | N by E | 59 | 1·63 | |

## Madras Mean Monthly and Annual Meteorological Results in 1878.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·016 | 0·118 | 78·6 | 87·8 | 72·2 | 15·6 | 71·7 | 69·1 | 0·688 | 70 | 141·8 | 69·5 | 147 | 5 | N E by E | 0·11 | 3 | 53 |
| February | 30·016 | 0·130 | 78·6 | 89·0 | 69·9 | 19·1 | 72·1 | 68·4 | 0·703 | 72 | 136·2 | 66·5 | 100 | 8 | East | ... | ... | 77 |
| March | 29·964 | 0·134 | 81·9 | 91·3 | 74·0 | 17·3 | 75·0 | 71·9 | 0·778 | 71 | 131·0 | 70·9 | 144 | 10 | E S E | ... | ... | 74 |
| April | 29·882 | 0·132 | 84·6 | 93·2 | 77·4 | 15·8 | 77·0 | 74·3 | 0·826 | 69 | 131·1 | 75·6 | 174 | 10 | E S E | 0·34 | 2 | 69 |
| May | 29·790 | 0·128 | 87·6 | 98·2 | 81·6 | 16·6 | 78·8 | 76·5 | 0·867 | 66 | 128·5 | 80·4 | 208 | 14 | S S E | 1·60 | 5 | 52 |
| June | 29·704 | 0·121 | 89·2 | 102·9 | 82·9 | 20·0 | 76·8 | 73·3 | 0·758 | 55 | 132·2 | 82·1 | 233 | 18 | S S W | 0·12 | 5 | 36 |
| July | 29·740 | 0·113 | 83·6 | 92·3 | 78·6 | 13·7 | 76·5 | 74·0 | 0·818 | 71 | 127·9 | 77·4 | 155 | 17 | S by W | 4·80 | 12 | 29 |
| August | 29·755 | 0·124 | 82·7 | 91·6 | 76·8 | 14·8 | 76·1 | 73·0 | 0·813 | 73 | 133·2 | 75·6 | 150 | 17 | S by W | 5·62 | 17 | 28 |
| September | 29·758 | 0·131 | 83·3 | 92·5 | 77·6 | 14·9 | 75·9 | 73·0 | 0·796 | 70 | 135·3 | 76·0 | 153 | 19 | S W by S | 6·07 | 16 | 29 |
| October | 29·794 | 0·127 | 81·8 | 90·5 | 76·2 | 14·3 | 75·4 | 73·0 | 0·797 | 73 | 137·9 | 73·6 | 130 | 22 | W S W | 6·26 | 11 | 33 |
| November | 29·862 | 0·111 | 79·4 | 87·9 | 73·2 | 14·7 | 72·9 | 70·2 | 0·727 | 72 | 133·4 | 70·6 | 150 | 1 | N by E | 2·10 | 10 | 40 |
| December | 29·896 | 0·113 | 77·1 | 85·4 | 71·4 | 14·0 | 71·1 | 68·6 | 0·685 | 73 | 128·5 | 69·3 | 183 | 1 | N by E | 1·63 | 8 | 41 |
| Annual | 29·848 | 0·124 | 82·4 | 91·9 | 76·0 | 15·9 | 74·9 | 72·1 | 0·771 | 70 | 133·1 | 74·0 | 161 | 12 | S E | 28·65 | 89 | 47 |

## Madras Extreme Monthly Meteorological Records in 1878.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·158 | 11 | 29·767 | 1 | 0·391 | 92·9 | 1 | 67·1 | 19 | 63·6 | 19 | 47 | 18 | 148·2 | 30 | 62·8 | 19 | 245 | 18 | 73 | 31 | 0·06 | 22 |
| February | 30·135 | 7 | 29·880 | 27 | 0·255 | 91·9 | 11 | 67·1 | 6 | 66·0 | 6 | 35 | 11 | 148·6 | 4 | 62·6 | 6 | 175 | 7 | 55 | 10 | ... | ... |
| March | 30·117 | 13 | 29·720 | 31 | 0·397 | 94·3 | 29 | 69·3 | 27 | 66·9 | 27 | 38 | 25 | 141·3 | 2 | 64·9 | 27 | 252 | 31 | 69 | 24 | ... | ... |
| April | 30·005 | 14 | 29·703 | 11 | 0·302 | 96·0 | 29 | 72·0 | 4 | 69·9 | 5 | 44 | 20 | 136·3 | 16 | 68·1 | 4 | 295 | 12 | 107 | 15 | 0·30 | 15 |
| May | 29·928 | 24 | 29·626 | 29 | 0·302 | 107·1 | 21 | 72·0 | 24 | 70·0 | 24 | 31 | 20 | 141·4 | 6 | 71·9 | 24 | 309 | 12 | 102 | 3 | 1·12 | 24 |
| June | 29·841 | 25 | 29·564 | 14 | 0·277 | 109·5 | 2 | 77·6 | 25 | 70·4 | 9 | 31 | 9 | 158·4 | 20 | 76·7 | 25 | 302 | 14 | 134 | 25 | 0·05 | 27 |
| July | 29·889 | 7 | 29·581 | 19 | 0·308 | 99·3 | 16 | 74·2 | 4 | 70·4 | 7 | 40 | 28 | 147·7 | 2 | 73·6 | 19 | 237 | 21 | 78 | 7 | 1·18 | 3 |
| August | 29·873 | 14 | 29·607 | 5 | 0·266 | 96·6 | 19 | 71·9 | 1 | 68·6 | 1 | 44 | 4 | 152·7 | 16 | 70·1 | 1 | 226 | 22 | 93 | 30 | 2·21 | 14 |
| September | 29·884 | 10 | 29·602 | 19 | 0·282 | 97·4 | 22 | 74·2 | 6 | 71·1 | 19 | 42 | 24 | 152·4 | 22 | 73·6 | 6 | 238 | 20 | 59 | 1 | 2·10 | 5 |
| October | 29·928 | 23 | 29·645 | 2 | 0·283 | 96·5 | 16 | 72·3 | 6 | 67·1 | 29 | 43 | 15 | 151·3 | 15 | 68·9 | 15 | 276 | 27 | 52 | 13 | 4·37 | 6 |
| November | 30·001 | 26 | 29·612 | 5 | 0·389 | 94·8 | 6 | 61·5 | 19 | 57·8 | 19 | 34 | 6 | 152·7 | 15 | 61·8 | 19 | 233 | 27 | 73 | 1 | 1·06 | 30 |
| December | 30·073 | 29 | 29·668 | 6 | 0·405 | 94·7 | 7 | 61·6 | 22 | 59·6 | 22 | 41 | 31 | 147·7 | 6 | 58·3 | 22 | 305 | 18 | 79 | 10 | 0·55 | 19 |

# Madras Meteorological Observations. 1879—January.

| January 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·019 | 0·120 | 75·1 | 62·9 | 85·2 | 63·2 | 145·4 | 58·6 | 0·412 | 47 | 171 | N N E | 53 | ... | Fine day: cloudy night. |
| 2 | 30·002 | 0·112 | 75·9 | 65·9 | 87·0 | 72·3 | 145·6 | 71·7 | 0·505 | 56 | 161 | N by E | 53 | ... | Cloudy day: fine night. |
| 3 | 29·995 | 0·099 | 77·5 | 70·0 | 88·6 | 67·2 | 145·1 | 64·3 | 0·634 | 67 | 157 | N by E | 37 | ... | Fine with light clouds. |
| 4 | 30·034 | 0·091 | 76·0 | 71·0 | 84·7 | 73·2 | 120·6 | 71·6 | 0·693 | 77 | 124 | N E | 70 | 0·12 | Passing clouds. |
| 5 | 30·021 | 0·129 | 76·7 | 70·9 | 86·4 | 70·3 | 103·9 | 68·2 | 0·680 | 73 | 184 | N E | 60 | ... | Do. |
| 6 | 30·002 | 0·135 | 76·6 | 69·1 | 85·7 | 69·4 | 136·4 | 67·2 | 0·611 | 67 | 170 | NE by N | 43 | ... | Fine with passing clouds. |
| 7 | 29·997 | 0·113 | 74·9 | 67·2 | 86·3 | 65·1 | 145·4 | 60·8 | 0·565 | 65 | 141 | N E | 23 | ... | Fine with light clouds. |
| 8 | 29·982 | 0·105 | 75·0 | 69·4 | 83·7 | 68·6 | 116·4 | 66·8 | 0·645 | 74 | 196 | N N E | 63 | ... | Cloudy. |
| 9 | 29·965 | 0·125 | 77·4 | 70·2 | 86·1 | 69·3 | 141·7 | 66·6 | 0·643 | 68 | 184 | N N E | 43 | ... | Fine with passing clouds. |
| 10 | 29·983 | 0·125 | 76·8 | 69·3 | 85·7 | 69·7 | 141·6 | 68·1 | 0·617 | 67 | 160 | N E | 50 | 0·02 | Do. |
| 11 | 30·023 | 0·103 | 77·1 | 70·3 | 87·4 | 67·5 | 144·4 | 64·8 | 0·651 | 69 | 192 | NE by N | 53 | ... | Do. |
| 12 | 30·013 | 0·105 | 75·0 | 70·8 | 82·8 | 70·2 | 126·7 | 69·3 | 0·699 | 80 | 236 | NE by N | 83 | 0·41 | Cloudy: rain. |
| 13 | 29 989 | 0·131 | 74·0 | 68·5 | 84·4 | 68·7 | 138·4 | 66·6 | 0·625 | 74 | 176 | Northb | 90 | ... | Cloudy. |
| 14 | 29·998 | 0·125 | 76 5 | 68·4 | 86·8 | 68·2 | 146·7 | 65·2 | 0·588 | 64 | 184 | N by E | 60 | ... | Fine with passing clouds. |
| 15 | 29·985 | 0·098 | 76·2 | 68·1 | 85·5 | 68·6 | 118·0 | 66·6 | 0·580 | 64 | 203 | N by E | 67 | ... | Passing clouds. |
| 16 | 29·910 | 0·119 | 76·2 | 68·3 | 85·3 | 69·2 | 131·7 | 67·1 | 0·587 | 64 | 219 | N by E | 37 | ... | Fine with light clouds. |
| 17 | 29·911 | 0·136 | 74·2 | 66·8 | 86·3 | 65·3 | 145·1 | 62·2 | 0·559 | 66 | 172 | North | 13 | ... | Fine. |
| 18 | 29·911 | 0·137 | 75·0 | 67·2 | 87·3 | 62·2 | 144·4 | 58·2 | 0·564 | 64 | 164 | N by E | 10 | ... | Do. |
| 19 | 29·904 | 0·118 | 74·7 | 66·0 | 86·9 | 63·7 | 138·6 | 59·6 | 0·521 | 61 | 206 | North | 10 | ... | Do. |
| 20 | 29·888 | 0·094 | 75·5 | 66·8 | 84·7 | 66·2 | 140·4 | 62·6 | 0·542 | 62 | 245 | N by W | 10 | ... | Do. |
| 21 | 29·897 | 0·105 | 76·1 | 71·3 | 83·8 | 69·7 | 108·9 | 68·9 | 0·704 | 77 | 300 | N N W | 87 | 0·02 | Overcast |
| 22 | 29·931 | 0·109 | 77·7 | 74·8 | 84·5 | 73·2 | 118·7 | 73·0 | 0·822 | 86 | 218 | N E | 97 | 0·73 | Overcast: rain. |
| 23 | 29·981 | 0·114 | 78·5 | 72·6 | 84·3 | 74·8 | 139·8 | 72·8 | 0·723 | 74 | 147 | E by S | 37 | ... | Fine with passing clouds. |
| 24 | 29·978 | 0·129 | 77·3 | 71·5 | 85·5 | 69·6 | 141·6 | 67·8 | 0·696 | 74 | 120 | E by N | 40 | ... | Do. |
| 25 | 29·994 | 0·130 | 77·2 | 71·4 | 86·1 | 69·3 | 127·0 | 66·6 | 0·693 | 73 | 137 | N E | 33 | ... | Do. |
| 26 | 30·032 | 0·122 | 75·4 | 67·2 | 85·5 | 66·2 | 138·8 | 63·6 | 0·558 | 63 | 148 | NE by N | 13 | ... | Fine. |
| 27 | 30·033 | 0·126 | 74·8 | 65·7 | 84·5 | 65·6 | 141·7 | 63·8 | 0·512 | 60 | 144 | NE by N | 20 | ... | Do. |
| 28 | 29·996 | 0·139 | 74·6 | 66·0 | 84·7 | 66·5 | 142·7 | 63·6 | 0·526 | 61 | 121 | N N E | 30 | ... | Fine with passing clouds. |
| 29 | 29·974 | 0·170 | 74·8 | 66·2 | 86·2 | 63·8 | 146·6 | 60·7 | 0·530 | 61 | 128 | N by E | 33 | ... | Fine with light clouds. |
| 30 | 30·028 | 0·119 | 74·0 | 67·5 | 86·5 | 65·3 | 136·7 | 60·8 | 0·589 | 70 | 125 | N N E | 47 | ... | Do. |
| 31 | 30·037 | 0·123 | 74·2 | 68·5 | 86·8 | 65·6 | 142·5 | 63·8 | 0·622 | 73 | 146 | N by E | 33 | ... | Fine with passing clouds. |
| Mean | 29·982 | 0·120 | 75·8 | 68·7 | 85·7 | 68·0 | 135·5 | 65·5 | 0·610 | 68 | 174 | N N E | 45 | 1·30 | |

# Madras Meteorological Observations. 1879—February.

| February 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·070 | 0·110 | 74·5 | 67·4 | 85·4 | 65·6 | 143·1 | 62·4 | 0·577 | 68 | 92 | NE by N | 20 | ... | Fine with light clouds. |
| 2 | 30·061 | 0·133 | 73·4 | 65·5 | 85·7 | 62·8 | 139·9 | 59·1 | 0·525 | 63 | 82 | E N E | 10 | ... | Fine. |
| 3 | 30·054 | 0·114 | 73·9 | 65·5 | 85·8 | 63·7 | 142·8 | 59·8 | 0·516 | 61 | 94 | E N E | 37 | ... | Fine with passing clouds. |
| 4 | 30·071 | 0·116 | 77·9 | 66·6 | 86·8 | 69·5 | 143·1 | 66·6 | 0·502 | 52 | 200 | N E | 57 | ... | Passing clouds. |
| 5 | 30·069 | 0·111 | 77·4 | 66·1 | 86·8 | 71·0 | 148·5 | 67·6 | 0·490 | 52 | 170 | N by E | 57 | ... | Do. |
| 6 | 30·022 | 0·128 | 74·3 | 66·3 | 85·8 | 65·8 | 146·7 | 62·0 | 0·540 | 63 | 155 | N by E | 10 | ... | Fine. |
| 7 | 30·000 | 0·089 | 74·7 | 66·2 | 85·0 | 62·3 | 146·4 | 58·6 | 0·531 | 61 | 129 | N N E | 17 | ... | Do. |
| 8 | 29·991 | 0·115 | 76·4 | 69·1 | 86·8 | 68·1 | 145·7 | 65·4 | 0·615 | 67 | 132 | NE by N | 20 | ... | Do. |
| 9 | 29·987 | 0·080 | 76·3 | 67·5 | 86·5 | 65·3 | 145·5 | 61·7 | 0·557 | 61 | 108 | E N E | 17 | ... | Do. |
| 10 | 30·004 | 0·099 | 76·1 | 70·0 | 86·7 | 65·2 | 143·4 | 62·8 | 0·653 | 73 | 110 | E N E | 23 | ... | Fine with light clouds. |
| 11 | 30·014 | 0·104 | 77·6 | 71·4 | 87·7 | 66·4 | 144·0 | 63·6 | 0·687 | 72 | 120 | E by N | 43 | ... | Fine with passing clouds. |
| 12 | 30·009 | 0·124 | 78·8 | 72·9 | 88·2 | 71·8 | 140·4 | 69·7 | 0·730 | 74 | 127 | E N E | 50 | ... | Do. |
| 13 | 30·014 | 0·146 | 79·1 | 72·6 | 89·1 | 70·3 | 147·5 | 67·6 | 0·712 | 72 | 121 | E N E | 37 | ... | Do. |
| 14 | 29·995 | 0·146 | 78·9 | 72·2 | 87·9 | 70·0 | 145·7 | 66·9 | 0·701 | 71 | 103 | E by N | 30 | ... | Do. |
| 15 | 29·968 | 0·107 | 77·0 | 70·9 | 87·0 | 68·5 | 145·7 | 66·3 | 0·676 | 73 | 124 | E by N | 33 | ... | Do. |
| 16 | 29·921 | 0·132 | 77·3 | 69·8 | 86·7 | 68·5 | 145·1 | 65·3 | 0·629 | 67 | 125 | E by N | 30 | ... | Do. |
| 17 | 29·929 | 0·125 | 77·0 | 67·5 | 86·6 | 66·1 | 145·7 | 63·4 | 0·548 | 59 | 111 | NE by E | 30 | ... | Do. |
| 18 | 29·949 | 0·101 | 77·7 | 69·5 | 87·0 | 67·3 | 137·4 | 64·9 | 0·613 | 64 | 120 | NE by N | 37 | ... | Do. |
| 19 | 29·929 | 0·132 | 78·3 | 70·3 | 88·3 | 68·0 | 144·4 | 65·3 | 0·635 | 65 | 166 | N E | 30 | ... | Fine with light clouds. |
| 20 | 29·885 | 0·130 | 79·2 | 72·2 | 89·2 | 73·2 | 149·7 | 70·1 | 0·697 | 70 | 168 | E N E | 47 | ... | Fine with passing clouds. |
| 21 | 29·878 | 0·131 | 79·5 | 73·0 | 88·3 | 70·7 | 144·0 | 68·2 | 0·726 | 72 | 139 | East | 47 | ... | Do. |
| 22 | 29·848 | 0·139 | 80·2 | 73·8 | 86·8 | 73·9 | 144·3 | 71·8 | 0·749 | 72 | 130 | E by S | 57 | ... | Do. |
| 23 | 29·849 | 0·147 | 80·5 | 73·9 | 87·9 | 75·5 | 146·1 | 74·7 | 0·749 | 72 | 139 | E by S | 33 | ... | Do. |
| 24 | 29·922 | 0·093 | 79·2 | 71·9 | 89·1 | 71·7 | 146·5 | 68·9 | 0·685 | 68 | 151 | E N E | 20 | ... | Do. |
| 25 | 29·947 | 0·111 | 79·7 | 71·6 | 89·1 | 70·2 | 145·1 | 67·8 | 0·668 | 66 | 126 | NE by E | 23 | ... | Do. |
| 26 | 29·929 | 0·123 | 79·3 | 71·3 | 88·5 | 69·3 | 146·3 | 66·4 | 0·661 | 66 | 135 | N E | 33 | ... | Do. |
| 27 | 29·883 | 0·135 | 78·6 | 72·3 | 90·1 | 69·0 | 147·5 | 66·0 | 0·710 | 72 | 94 | E by N | 20 | ... | Fine. |
| 28 | 29·869 | 0·135 | 79·9 | 72·8 | 92·6 | 70·2 | 152·0 | 67·1 | 0·713 | 70 | 113 | E S E | 7 | ... | Do. |
| Mean | 29·967 | 0·120 | 77·6 | 70·0 | 87·6 | 68·6 | 144·0 | 65·7 | 0·634 | 67 | 128 | E N E | 31 | Nil. | |

# Madras Meteorological Observations. 1879—March.

| March 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·846 | 0·138 | 82·3 | 70·4 | 96·0 | 72·7 | 150·6 | 70·0 | 0·584 | 52 | 173 | SE by S | 7 | ... | Fine. |
| 2 | 29·853 | 0·113 | 81·1 | 74·1 | 90·1 | 73·7 | 148·3 | 71·2 | 0·750 | 71 | 175 | S E | 13 | ... | Do. |
| 3 | 29·870 | 0·146 | 81·7 | 75·8 | 92·0 | 75·4 | 148·4 | 73·6 | 0·813 | 75 | 174 | S E | 33 | ... | Fine with passing clouds. |
| 4 | 29·865 | 0·143 | 81·2 | 73·9 | 93·8 | 74·1 | 147·9 | 72·0 | 0·740 | 70 | 199 | SE by S | 17 | ... | Fine. |
| 5 | 29·877 | 0·110 | 80·7 | 73·7 | 88·4 | 73·6 | 147·9 | 70·9 | 0·739 | 71 | 174 | S E | 10 | ... | Do. |
| 6 | 29·941 | 0·113 | 80·3 | 73·0 | 88·9 | 72·4 | 147·9 | 68·3 | 0·715 | 68 | 129 | SE by E | 10 | ... | Do. |
| 7 | 29·974 | 0·130 | 80·3 | 72·9 | 88·9 | 72·1 | 147·9 | 69·8 | 0·710 | 68 | 100 | E by S | 20 | ... | Do. |
| 8 | 29·980 | 0·131 | 80·6 | 73·3 | 89·9 | 72·1 | 149·4 | 69·2 | 0·723 | 68 | 75 | East | 40 | ... | Fine with passing clouds. |
| 9 | 29·973 | 0·128 | 79·2 | 71·7 | 89·3 | 70·4 | 145·2 | 67·0 | 0·677 | 68 | 83 | East | 27 | ... | Fine. |
| 10 | 29·958 | 0·141 | 77·1 | 69·8 | 87·5 | 67·2 | 145·5 | 63·4 | 0·632 | 67 | 93 | E S E | 17 | ... | Do. |
| 11 | 29·908 | 0·133 | 78·2 | 70·8 | 89·2 | 65·3 | 147·2 | 61·4 | 0·655 | 68 | 130 | S E | 10 | ... | Do. |
| 12 | 29·852 | 0·163 | 79·6 | 72·7 | 89·5 | 69·9 | 149·2 | 66·6 | 0·713 | 70 | 136 | SE by E | 10 | ... | Do. |
| 13 | 29·827 | 0·127 | 80·4 | 72·1 | 90·1 | 69·1 | 149·6 | 65·2 | 0·678 | 64 | 144 | SE by E | 17 | ... | Do. |
| 14 | 29·865 | 0·130 | 81·4 | 75·0 | 90·0 | 72·2 | 149·9 | 68·2 | 0·783 | 73 | 161 | SE by E | 17 | ... | Do. |
| 15 | 29·866 | 0·136 | 81·2 | 74·5 | 91·7 | 72·4 | 148·6 | 69·0 | 0·765 | 72 | 143 | SE by E | 20 | ... | Do. |
| 16 | 29·868 | 0·144 | 81·4 | 73·7 | 92·2 | 73·5 | 149·6 | 70·7 | 0·729 | 68 | 121 | SE by E | 23 | ... | Fine with passing clouds. |
| 17 | 29·868 | 0·123 | 78·8 | 73·2 | 92·9 | 68·4 | 140·3 | 64·2 | 0·744 | 76 | 103 | E S E | 37 | ... | Do. |
| 18 | 29·893 | 0·110 | 81·8 | 75·1 | 89·0 | 74·6 | 118·4 | 71·9 | 0·782 | 72 | 100 | E S E | 87 | ... | Cloudy. |
| 19 | 29·856 | 0·130 | 81·0 | 75·7 | 92·1 | 77·1 | 138·0 | 74·5 | 0·778 | 66 | 146 | SE by E | 67 | ... | Do. |
| 20 | 29·860 | 0·133 | 78·6 | 74·2 | 85·0 | 75·1 | 114·4 | 73·9 | 0·787 | 80 | 104 | SE by S | 92 | 0·60 | Cloudy: lg. S. W.: rain. |
| 21 | 29·882 | 0·111 | 79·3 | 74·2 | 86·9 | 70·3 | 143·3 | 69·6 | 0·779 | 78 | 113 | SE by S | 80 | 0·58 | Thunderstorm: cloudy. |
| 22 | 29·949 | 0·151 | 80·3 | 75·0 | 87·3 | 73·4 | 142·4 | 72·0 | 0·797 | 76 | 100 | SE by E | 47 | 0·32 | Passing clouds: rain. |
| 23 | 29·951 | 0·127 | 82·2 | 76·0 | 90·9 | 75·7 | 141·9 | 74·5 | 0·815 | 74 | 91 | NE by E | 32 | ... | Fine with passing clouds. |
| 24 | 29·914 | 0·126 | 81·8 | 75·3 | 89·9 | 74·7 | 144·0 | 72·9 | 0·791 | 73 | 77 | E by N | 43 | ... | Do. |
| 25 | 29·961 | 0·106 | 82·4 | 75·7 | 90·8 | 74·5 | 150·3 | 72·7 | 0·799 | 72 | 91 | E by N | 37 | ... | Do. |
| 26 | 29·968 | 0·131 | 83·2 | 76·4 | 90·6 | 76·1 | 147·2 | 73·9 | 0·819 | 71 | 112 | E by N | 50 | ... | Passing clouds. |
| 27 | 29·966 | 0·161 | 81·7 | 74·9 | 91·3 | 75·6 | 150·4 | 73·6 | 0·774 | 71 | 79 | E by S | 40 | ... | Fine with passing clouds. |
| 28 | 29·904 | 0·166 | 80·9 | 71·2 | 93·2 | 71·8 | 148·9 | 68·9 | 0·636 | 60 | 113 | SE by S | 23 | ... | Fine. |
| 29 | 29·839 | 0·156 | 81·6 | 73·1 | 96·3 | 71·4 | 147·0 | 68·7 | 0·702 | 65 | 134 | S S E | 27 | ... | Fine with light clouds. |
| 30 | 29·847 | 0·116 | 82·7 | 75·2 | 92·1 | 76·4 | 139·0 | 74·9 | 0·774 | 69 | 158 | S E | 17 | ... | Fine. |
| 31 | 29·887 | 0·141 | 81·9 | 74·1 | 90·5 | 75·3 | 124·4 | 73·5 | 0·739 | 68 | 112 | SE by E | 30 | ... | Fine with light clouds. |
| Mean | 29·900 | 0·133 | 80·9 | 73·8 | 90·5 | 72·8 | 144·0 | 70·2 | 0·739 | 70 | 124 | SE by E | 32 | 1·50 | |

# Madras Meteorological Observations. 1879—April.

| April 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 29·873 | 0·126 | 80·5 | 73·3 | 89·8 | 72·1 | 146·5 | 69·0 | 0·724 | 69 | 98 | E S E | 27 | ... | Fine with light clouds. |
| 2 | 29·808 | 0·152 | 82·1 | 73·8 | 91·4 | 74·0 | 128·4 | 72·4 | 0·723 | 65 | 145 | S E | 30 | ... | Fine with passing clouds. |
| 3 | 29·828 | 0·117 | 83·3 | 74·9 | 91·1 | 74·2 | 146·3 | 71·9 | 0·753 | 65 | 183 | S E | 13 | ... | Fine. |
| 4 | 29·848 | 0·125 | 84·4 | 77·1 | 92·4 | 77·5 | 145·7 | 75·1 | 0·833 | 70 | 154 | SE by S | 30 | ... | Fine with light clouds. |
| 5 | 29·807 | 0·145 | 83·7 | 77·7 | 93·1 | 77·1 | 149·4 | 74·9 | 0·870 | 75 | 175 | SE by S | 40 | ... | Passing clouds. |
| 6 | 29·775 | 0·138 | 84·3 | 77·6 | 97·0 | 78·1 | 150·0 | 75·9 | 0·857 | 73 | 218 | SE by S | 20 | ... | Fine with passing clouds. |
| 7 | 29·778 | 0·134 | 84·0 | 78·7 | 92·1 | 78·7 | 144·4 | 76·9 | 0·911 | 77 | 191 | SE by E | 40 | ... | Passing clouds. |
| 8 | 29·759 | 0·111 | 85·3 | 78·1 | 96·7 | 77·3 | 150·4 | 74·9 | 0·866 | 71 | 106 | E S E | 20 | ... | Fine. |
| 9 | 29·759 | 0·109 | 85·3 | 78·7 | 97·5 | 77·5 | 148·5 | 75·2 | 0·893 | 74 | 132 | SE by E | 17 | ... | Do. |
| 10 | 29·790 | 0·130 | 84·7 | 77·1 | 93·5 | 77·3 | 149·2 | 74·6 | 0·830 | 70 | 134 | SE by E | 13 | ... | Do. |
| 11 | 29·769 | 0·138 | 85·0 | 78·7 | 95·5 | 76·2 | 149·5 | 73·6 | 0·897 | 74 | 116 | S E | 47 | ... | Light passing clouds. |
| 12 | 29·761 | 0·128 | 85·1 | 79·0 | 95·4 | 79·0 | 146·3 | 76·9 | 0·910 | 76 | 178 | SE by S | 53 | ... | Light clouds. |
| 13 | 29·767 | 0·127 | 86·0 | 79·1 | 102·9 | 79·8 | 141·7 | 78·7 | 0·901 | 72 | 241 | S S E | 30 | ... | Fine with light clouds. |
| 14 | 29·787 | 0·109 | 86·4 | 77·6 | 99·8 | 80·7 | 145·1 | 79·5 | 0·829 | 66 | 220 | S S E | 30 | ... | Do. |
| 15 | 29·756 | 0·169 | 86·8 | 77·1 | 108·3 | 80·7 | 155·7 | 79·9 | 0·801 | 63 | 212 | S S E | 7 | ... | Fine. |
| 16 | 29·725 | 0·167 | 87·7 | 78·0 | 104·2 | 81·5 | 151·8 | 80·1 | 0·829 | 62 | 224 | S by E | 37 | ... | Light passing clouds. |
| 17 | 29·744 | 0·149 | 86·3 | 79·0 | 100·0 | 81·3 | 148·1 | 80·6 | 0·894 | 70 | 249 | SE by S | 33 | ... | Passing clouds. |
| 18 | 29·778 | 0·127 | 86·0 | 79·2 | 91·7 | 81·2 | 144·6 | 80·1 | 0·907 | 72 | 286 | S E | 33 | ... | Fine with passing clouds. |
| 19 | 29·785 | 0·133 | 85·1 | 79·0 | 90·8 | 81·1 | 145·6 | 80·3 | 0·910 | 76 | 291 | S E | 30 | ... | Do. |
| 20 | 29·809 | 0·144 | 84·7 | 78·6 | 90·6 | 81·3 | 139·5 | 80·3 | 0·897 | 76 | 298 | S E | 30 | ... | Fine with passing clouds: lg. W. |
| 21 | 29·829 | 0·138 | 85·5 | 79·6 | 92·4 | 81·3 | 149·1 | 80·6 | 0·932 | 76 | 255 | S E | 17 | ... | Fine. |
| 22 | 29·817 | 0·144 | 85·3 | 79·5 | 92·2 | 80·3 | 139·6 | 79·1 | 0·931 | 76 | 200 | SE by E | 37 | ... | Fine with passing clouds. |
| 23 | 29·846 | 0·121 | 85·1 | 78·9 | 94·3 | 79·3 | 147·5 | 77·9 | 0·905 | 74 | 201 | S E | 20 | ... | Fine. |
| 24 | 29·874 | 0·136 | 84·1 | 77·2 | 93·0 | 75·8 | 150·4 | 72·9 | 0·841 | 72 | 166 | SE by E | 23 | ... | Do. |
| 25 | 29·860 | 0·127 | 84·5 | 77·2 | 91·5 | 77·5 | 145·6 | 75·7 | 0·836 | 71 | 209 | SE by E | 23 | ... | Do. |
| 26 | 29·871 | 0·137 | 84·1 | 77·3 | 92·2 | 76·7 | 146·7 | 74·5 | 0·847 | 72 | 195 | SE by E | 23 | ... | Do. |
| 27 | 30·830 | 0·130 | 85·0 | 77·4 | 92·4 | 77·3 | 131·3 | 71·3 | 0·839 | 70 | 203 | SE by E | 13 | ... | Do. |
| 28 | 29·802 | 0·121 | 84·8 | 77·3 | 93·7 | 77·3 | 148·5 | 75·6 | 0·837 | 70 | 202 | S E | 17 | ... | Do. |
| 29 | 29·785 | 0·125 | 86·1 | 78·0 | 95·6 | 78·4 | 150·1 | 76·8 | 0·851 | 68 | 195 | S E | 20 | ... | Do. |
| 30 | 29·784 | 0·119 | 85·2 | 77·2 | 93·8 | 78·5 | 146·4 | 76·4 | 0·827 | 68 | 234 | S E | 13 | ... | Do. |
| Mean | 29·800 | 0·133 | 84·9 | 77·7 | 94·8 | 78·3 | 146·1 | 76·5 | 0·856 | 71 | 197 | S E | 26 | *Nil.* | |

# Madras Meteorological Observations. 1879—May.

| May 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·775 | 0·137 | 86·2 | 78·1 | 95·2 | 78·6 | 145·4 | 76·3 | 0·854 | 68 | 236 | S E | 18 | ... | Fine. |
| 2 | 29·757 | 0·128 | 86·1 | 79·3 | 93·4 | 81·2 | 148·8 | 80·3 | 0·910 | 72 | 277 | S E | 13 | ... | Do. |
| 3 | 29·751 | 0·135 | 86·9 | 78·6 | 96·1 | 81·1 | 147·1 | 80·1 | 0·867 | 68 | 249 | SE by S | 17 | ... | Do. |
| 4 | 29·760 | 0·113 | 86·4 | 77·7 | 95·7 | 79·1 | 138·4 | 77·1 | 0·833 | 66 | 253 | S E | 17 | ... | Do. |
| 5 | 29·723 | 0·153 | 86·4 | 78·0 | 103·0 | 77·6 | 147·3 | 76·1 | 0·846 | 67 | 261 | SE by S | 17 | ... | Do. |
| 6 | 29·700 | 0·156 | 88·3 | 78·6 | 100·5 | 82·2 | 149·2 | 81·1 | 0·848 | 64 | 321 | S S E | 13 | ... | Do. |
| 7 | 29·699 | 0·128 | 89·3 | 78·2 | 103·4 | 82·4 | 148·2 | 81·5 | 0·816 | 59 | 248 | S S E | 10 | ... | Do. |
| 8 | 29·742 | 0·105 | 87·3 | 79·6 | 94·7 | 83·4 | 149·4 | 82·9 | 0·908 | 70 | 321 | SE by S | 17 | ... | Do. |
| 9 | 29·765 | 0·130 | 86·5 | 79·5 | 93·4 | 82·8 | 140·3 | 82·1 | 0 915 | 72 | 298 | SE by S | 23 | ... | Do. |
| 10 | 29·761 | 0·121 | 85·9 | 78·7 | 93·6 | 81·5 | 146·2 | 80·5 | 0·885 | 72 | 280 | S E | 13 | ... | Do. |
| 11 | 29·796 | 0·117 | 86·5 | 79·2 | 93·7 | 81·6 | 132·8 | 81·1 | 0·901 | 71 | 270 | S E | 27 | ... | Fine with light clouds. |
| 12 | 29·808 | 0·130 | 86·3 | 77·9 | 93·8 | 78·8 | 147·2 | 77·1 | 0·843 | 67 | 195 | S E | 17 | ... | Fine. |
| 13 | 29·798 | 0·110 | 86·0 | 77·4 | 94·7 | 78·6 | 145·6 | 76·6 | 0·825 | 66 | 181 | S E | 27 | ... | Fine with passing clouds. |
| 14 | 29·803 | 0·126 | 86·1 | 77·7 | 94·8 | 79·4 | 147·6 | 78·1 | 0·837 | 67 | 213 | S E | 23 | ... | Do. |
| 15 | 29·774 | 0·144 | 85·1 | 78·7 | 93·5 | 78·4 | 149·4 | 76·3 | 0·895 | 74 | 201 | S E | 27 | ... | Do. |
| 16 | 29·749 | 0·130 | 85·6 | 78·4 | 94·6 | 79·5 | 147·1 | 77·8 | 0 876 | 72 | 206 | S E | 30 | ... | Fine with light clouds. |
| 17 | 29·681 | 0·145 | 86·5 | 77·7 | 94·2 | 80·8 | 140·3 | 79·4 | 0·832 | 66 | 184 | SE by S | 57 | ... | Cloudy. |
| 18 | 29·602 | 0·100 | 88·4 | 78·3 | 103·9 | 81·3 | 130·2 | 80·0 | 0·834 | 62 | 145 | SE by S | 70 | ... | Do. |
| 19 | 29·626 | 0·110 | 82·4 | 73·0 | 90·8 | 77·5 | 111·3 | 75·7 | 0·686 | 61 | 243 | N N W | 100 | 0·13 | Overcast : a cyclone approaching. |
| 20 | 29·432 | 0·176 | 77·0 | 72·1 | 78·9 | 78·0 | 80·6 | 74·8 | 0·723 | 77 | 392 | W by N | 100 | 3·25 | Overcast with rain. |
| 21 | 29·457 | −0·035 | 77·7 | 72·1 | 83·4 | 71·3 | 114·2 | 67·8 | 0·714 | 75 | 563 | South | 93 | 1·04 | A cyclone passing to N. of Madras. |
| 22 | 29·628 | 0·096 | 82·1 | 75·3 | 87·2 | 76·5 | 122·8 | 75·3 | 0·787 | 71 | 371 | S S E | 77 | ... | Cloudy with strong wind. |
| 23 | 29·683 | 0·121 | 83·0 | 75·4 | 94·4 | 76·2 | 130·4 | 75·0 | 0·779 | 69 | 243 | S by E | 83 | ... | Cloudy. |
| 24 | 29·692 | 0·118 | 85·5 | 74·6 | 98·4 | 76·1 | 124·6 | 73·6 | 0·711 | 58 | 192 | S by W | 67 | ... | Do. |
| 25 | 29·658 | 0·141 | 85·3 | 76·4 | 98·8 | 80·2 | 113·5 | 79·4 | 0·790 | 64 | 201 | S by W | 63 | ... | Do. |
| 26 | 29·639 | 0·152 | 88·3 | 73·9 | 98·3 | 81·8 | 145·6 | 81·0 | 0·643 | 48 | 263 | SW by S | 73 | ... | Do. |
| 27 | 29·632 | 0·114 | 84·5 | 73·0 | 96·5 | 78·4 | 135·6 | 77·6 | 0·658 | 56 | 200 | SW by S | 80 | ... | Do. |
| 28 | 29·650 | 0·146 | 88·6 | 74·9 | 100·2 | 81·6 | 145·2 | 81·0 | 0·681 | 51 | 272 | SW by W | 73 | ... | Do. |
| 29 | 29·652 | 0·157 | 87·5 | 75·4 | 99·6 | 81·7 | 147·5 | 80·6 | 0·718 | 55 | 208 | S S W | 73 | ... | Do. |
| 30 | 29·642 | 0·127 | 86·1 | 75·0 | 97·4 | 82·2 | 120·0 | 81·4 | 0·720 | 58 | 244 | SW by W | 100 | ... | Overcast. |
| 31 | 29·666 | 0 109 | 87·0 | 74·5 | 97·2 | 80·0 | 130 6 | 78·8 | 0·687 | 54 | 230 | W S W | 97 | 0·01 | Do. |
| Mean | 29·694 | 0·125 | 85·6 | 76·7 | 95·3 | 79·7 | 136·2 | 78·3 | 0·801 | 65 | 257 | S by E | 49 | 4·43 | |

*Note.*—The Cyclone reached the Nellore coast on the morning of the 21st. The greatest force of the wind at Madras was 43 miles per hour (S. S. W.) : the lowest reading of the barometer (reduced) was 29·152 between 4-30 A.M. and 5-30 A.M. on the 21st. Rain fell during 29 hours, continuously from 6 A.M. on the 20th to 9 A.M. on the 21st, but the rate never exceeded 0·41 inches per hour.

# Madras Meteorological Observations. 1879—June.

| June 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·706 | 0·135 | 89·2 | 74·1 | 101·1 | 79·2 | 145·1 | 77·7 | 0·643 | 47 | 262 | SW by W | 53 | ... | Passing clouds. |
| 2 | 29·712 | 0·140 | 85·9 | 75·4 | 102·8 | 81·4 | 152·5 | 80·7 | 0·749 | 59 | 271 | SW by S | 63 | 0·26 | Passing clouds: rain. |
| 3 | 29·756 | 0·109 | 84·9 | 76·8 | 101·0 | 79·0 | 145·2 | 77·5 | 0·814 | 68 | 210 | S by W | 53 | ... | Passing clouds. |
| 4 | 29·766 | 0·148 | 86·4 | 76·1 | 102·4 | 79·6 | 150·5 | 73·6 | 0·763 | 60 | 242 | S by W | 60 | 0·01 | Do. |
| 5 | 29·768 | 0·141 | 85·5 | 74·7 | 98·9 | 79·3 | 150·4 | 77·7 | 0·715 | 58 | 255 | S by W | 62 | .. | Passing clouds: lg. S. W. |
| 6 | 29·809 | 0·129 | 83·5 | 76·3 | 99·6 | 78·0 | 150·4 | 77·7 | 0·810 | 70 | 255 | S by W | 75 | 0·67 | Cloudy: th. and lg. N. W. |
| 7 | 29·790 | 0·128 | 84·2 | 76·9 | 95·0 | 74·4 | 145·8 | 73·9 | 0·827 | 70 | 217 | S W | 73 | 0·03 | Passing clouds. |
| 8 | 29·738 | 0·108 | 84·2 | 77·2 | 97·4 | 79·4 | 136·1 | 77·9 | 0·849 | 72 | 186 | S by W | 57 | 0·01 | Do. |
| 9 | 29·704 | 0·118 | 86·6 | 78·3 | 101·5 | 78·4 | 145·3 | 77·6 | 0·858 | 67 | 190 | South | 59 | ... | Passing clouds: lg. W. |
| 10 | 29·706 | 0·117 | 84·2 | 76·5 | 97·3 | 79·3 | 141·4 | 78·7 | 0·810 | 69 | 151 | S S W | 90 | ... | Cloudy: lg. W. |
| 11 | 29·688 | 0·128 | 84·6 | 76·1 | 97·8 | 80·0 | 139·2 | 79·7 | 0·787 | 66 | 186 | S S W | 70 | ... | Cloudy: lg. S. W. |
| 12 | 29·685 | 0·090 | 85·9 | 75·5 | 100·0 | 80·7 | 143·3 | 80·0 | 0·744 | 59 | 207 | South | 49 | ... | Light passing clouds. |
| 13 | 29·674 | 0·083 | 86·2 | 76·0 | 101·6 | 80·5 | 149·8 | 79·2 | 0·761 | 61 | 187 | S by W | 40 | ... | Fine with light clouds. |
| 14 | 29·683 | 0·107 | 88·7 | 76·9 | 98·1 | 81·3 | 145·5 | 80·7 | 0·767 | 56 | 192 | South | 50 | ... | Light passing clouds. |
| 15 | 29·677 | 0·093 | 87·9 | 77·4 | 100·9 | 81·4 | 146·0 | 80·8 | 0·799 | 60 | 208 | S by W | 60 | ... | Passing clouds. |
| 16 | 29·685 | 0·145 | 83·0 | 75·5 | 91·5 | 77·4 | 117·9 | 76·3 | 0·783 | 69 | 140 | W by N | 93 | 0·06 | Cloudy. |
| 17 | 29·655 | 0·120 | 85·4 | 76·0 | 96·0 | 80·4 | 144·2 | 79·2 | 0·772 | 63 | 185 | S S E | 93 | ... | Cloudy: lg. S. W. |
| 18 | 29·675 | 0·104 | 82·1 | 74·8 | 88·3 | 76·3 | 109·4 | 74·6 | 0·765 | 69 | 169 | W S W | 92 | 0·08 | Cloudy. |
| 19 | 29·660 | 0·104 | 84·9 | 75·8 | 95·4 | 78·8 | 139·4 | 76·6 | 0·770 | 64 | 171 | South | 70 | 0·01 | Do. |
| 20 | 29·642 | 0·096 | 86·2 | 77·6 | 100·1 | 81·1 | 154·6 | 77·3 | 0·832 | 67 | 192 | S by E | 53 | ... | Passing clouds: lg. N. W. |
| 21 | 29·662 | 0·095 | 83·5 | 77·1 | 93·8 | 76·2 | 132·4 | 74·0 | 0·845 | 73 | 178 | South | 63 | 0·15 | Cloudy: rain. |
| 22 | 29·666 | 0·114 | 81·9 | 75·8 | 86·4 | 77·2 | 110·6 | 74·6 | 0·811 | 75 | 195 | SW by S | 93 | 0·01 | Overcast. |
| 23 | 29·698 | 0·124 | 78·9 | 75·1 | 81·3 | 77·0 | 93·7 | 75·3 | 0·821 | 82 | 114 | SW by S | 97 | 0·17 | Overcast: rain. |
| 24 | 29·732 | 0·096 | 84·2 | 74·2 | 96·3 | 76·9 | 143·8 | 75·3 | 0·712 | 60 | 198 | S W | 77 | 0·39 | Cloudy: rain. |
| 25 | 29·749 | 0·119 | 82·1 | 74·6 | 95·9 | 76·7 | 133·6 | 75·1 | 0·757 | 69 | 210 | S S W | 80 | 0·20 | Cloudy: lg. N. & S.: rain. |
| 26 | 29·724 | 0·138 | 84·0 | 75·7 | 92·0 | 77·7 | 133·6 | 75·8 | 0·778 | 67 | 184 | S by W | 93 | 0·05 | Chiefly overcast: lg. N. & S. |
| 27 | 29·708 | 0·084 | 82·4 | 75·1 | 88·8 | 77·4 | 116·9 | 75·6 | 0·774 | 69 | 131 | S by W | 98 | 0·02 | Overcast. |
| 28 | 29·748 | 0·069 | 84·5 | 73·6 | 94·4 | 78·9 | 129·0 | 77·1 | 0·683 | 58 | 205 | S S W | 93 | .. | Cloudy. |
| 29 | 29·764 | 0·107 | 83·2 | 74·7 | 96·1 | 79·6 | 119·6 | 78·0 | 0·746 | 65 | 173 | S by W | 87 | 0·07 | Do. |
| 30 | 29·742 | 0·123 | 82·1 | 73·9 | 86·6 | 77·8 | 110·4 | 77·8 | 0·727 | 66 | 188 | S S W | 97 | ... | Do. |
| Mean | 29·712 | 0·114 | 84·5 | 75·8 | 95·9 | 78·7 | 135·9 | 77·2 | 0·775 | 65 | 195 | S S W | 73 | 2·10 | |

# Madras Meteorological Observations. 1879—July.

| July 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·739 | 0·112 | 84·2 | 75·1 | 97·0 | 77·5 | 110·8 | 75·5 | 0·750 | 64 | 209 | S S W | 90 | ... | Chiefly overcast. |
| 2 | 29·761 | 0·127 | 84·7 | 74·6 | 94·1 | 77·8 | 130·3 | 76·9 | 0·712 | 61 | 210 | South | 97 | ... | Do. |
| 3 | 29·762 | 0·124 | 85·8 | 74·1 | 95·0 | 79·1 | 120·8 | 77·7 | 0·686 | 56 | 236 | SW by S | 93 | ... | Cloudy. |
| 4 | 29·748 | 0·129 | 86·2 | 75·3 | 94·7 | 78·8 | 121·8 | ... | 0·731 | 58 | 191 | SWbyS | 92 | 0·03 | Do. |
| 5 | 29·749 | 0·136 | 83·2 | 75·2 | 98·6 | 79·1 | 132·1 | 77·7 | 0·768 | 67 | 173 | SW by S | 83 | 0·12 | Cloudy : rain. |
| 6 | 29·707 | 0·136 | 82·1 | 74·4 | 96·2 | 76·7 | 129·8 | 75·0 | 0·749 | 68 | 187 | S by W | 87 | 0·06 | Clondy. |
| 7 | 29·689 | 0·150 | 84·3 | 77·2 | 103·1 | 77·7 | 146·8 | 75·8 | 0·839 | 72 | 221 | S S W | 68 | 0·03 | Do. |
| 8 | 29·680 | 0·131 | 84·2 | 75·9 | 98·7 | 77·7 | 148·2 | 75·9 | 0·784 | 66 | 205 | S S W | 67 | ... | Do. |
| 9 | 29·699 | 0·112 | 87·3 | 76·4 | 100·5 | 79·5 | 135·5 | 78·2 | 0·763 | 58 | 224 | S by W | 60 | 0·01 | Passing clouds. |
| 10 | 29·705 | 0·112 | 84·9 | 75·0 | 100·6 | 77·6 | 140·3 | 75·5 | 0·736 | 61 | 203 | S by W | 47 | 0·02 | Fine with passing clouds. |
| 11 | 29·686 | 0·119 | 85·1 | 75·8 | 99·1 | 77·5 | 137·7 | 76·1 | 0·768 | 63 | 216 | South | 50 | ... | Passing clouds : lg. S. E. |
| 12 | 29·727 | 0·107 | 86·2 | 77·2 | 101·6 | 77·8 | 139·5 | 76·7 | 0·813 | 65 | 258 | S by E | 63 | ... | Passing clouds. |
| 13 | 29·772 | 0·106 | 85·8 | 76·5 | 98·9 | 80·2 | 134·9 | 79·1 | 0·788 | 64 | 206 | S by E | 53 | ... | Do. |
| 14 | 29·783 | 0·101 | 82·6 | 75·5 | 96·1 | 76·6 | 143·8 | 75·9 | 0·789 | 71 | 171 | S by W | 70 | 0·72 | Cloudy : rain. |
| 15 | 29·731 | 0·099 | 83·7 | 76·0 | 93·5 | 76·3 | 146·8 | 75·0 | 0·795 | 69 | 140 | S S E | 47 | ... | Fine with passing clouds. |
| 16 | 29·713 | 0·118 | 84·2 | 76·4 | 96·3 | 78·1 | 145·1 | 76·4 | 0·806 | 68 | 133 | S by E | 63 | ... | Cloudy : lg. |
| 17 | 29·731 | 0·122 | 78·9 | 74·8 | 86·7 | 74·9 | 122·4 | 73·8 | 0·809 | 82 | 146 | W by S | 97 | 1·64 | Cloudy : rain. |
| 18 | 29·733 | 0·116 | 80·2 | 75·7 | 85·8 | 78·5 | 110·9 | 72·8 | 0·829 | 80 | 106 | W S W | 97 | 0·54 | Chiefly overcast : rain. |
| 19 | 29·748 | 0·098 | 81·8 | 76·4 | 91·8 | 75·4 | 134·4 | 73·6 | 0·838 | 77 | 111 | N N W | 70 | 0·07 | Cloudy. |
| 20 | 29·706 | 0·108 | 82·8 | 77·2 | 92·3 | 77·6 | 139·9 | 76·6 | 0·860 | 77 | 117 | E by S | 60 | ... | Passing clouds. |
| 21 | 29·703 | 0·105 | 83·5 | 76·4 | 90·0 | 78·6 | 137·9 | 77·0 | 0·815 | 71 | 123 | SE by E | 57 | ... | Do. |
| 22 | 29·730 | 0·092 | 83·2 | 76·8 | 89·3 | 78·3 | 139·9 | 76·2 | 0·836 | 73 | 119 | E S E | 40 | 0·01 | Fine with light clouds. |
| 23 | 29·741 | 0·117 | 84·1 | 76·8 | 90·3 | 77·4 | 142·9 | 75·7 | 0·824 | 71 | 113 | E by N | 33 | ... | Fine with passing clouds. |
| 24 | 29·724 | 0·116 | 84·2 | 77·2 | 91·4 | 79·1 | 144·0 | 77·6 | 0·840 | 72 | 86 | East | 50 | ... | Do. |
| 25 | 29·712 | 0·131 | 84·4 | 76·9 | 92·1 | 78·5 | 132·7 | 77·6 | 0·825 | 70 | 138 | S E | 37 | ... | Do. |
| 26 | 29·671 | 0·133 | 82·7 | 76·4 | 90·1 | 78·3 | 110·4 | 76·8 | 0·826 | 73 | 144 | S S E | 77 | ... | Cloudy. |
| 27 | 29·664 | 0·101 | 84·2 | 76·9 | 95·3 | 78·3 | 126·3 | 76·9 | 0·827 | 72 | 188 | S by E | 70 | ... | Do. |
| 28 | 29·686 | 0·092 | 83·1 | 76·2 | 92·7 | 79·2 | 125·9 | 78·7 | 0·811 | 71 | 163 | S W | 87 | 0·37 | Cloudy : rain. |
| 29 | 29·668 | 0·145 | 82·4 | 74·6 | 90·8 | 76·2 | 117·6 | 75·6 | 0·753 | 67 | 193 | SWbyN | 98 | 0·29 | Overcast : rain. |
| 30 | 29·627 | 0·141 | 82·8 | 75·3 | 92·4 | 77·3 | 120·9 | 75·6 | 0·777 | 69 | 158 | SWbyW | 83 | 0·39 | Cloudy : rain. |
| 31 | 29·655 | 0·124 | 84·6 | 75·7 | 93·2 | 76·8 | 123·4 | 75·6 | 0·769 | 64 | 179 | SWbyW | 80 | ... | Cloudy. |
| Mean | 29·715 | 0·118 | 83·8 | 75·9 | 94·5 | 77·8 | 132·1 | 76·3 | 0·791 | 68 | 170 | S by W | 70 | 4·30 | |

## Madras Meteorological Observations. 1879—August.

| August 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·679 | 0·130 | 85·4 | 74·0 | 93·6 | 79·5 | 136·8 | 78·3 | 0·687 | 56 | 203 | W S W | 83 | ... | Cloudy. |
| 2 | 29·675 | 0·128 | 84·0 | 75·6 | 96·8 | 78·1 | 143·7 | 76·6 | 0·773 | 66 | 195 | SWbyW | 73 | 0·10 | Do. |
| 3 | 29·687 | 0·114 | 83·8 | 73·6 | 92·6 | 79·8 | 120·5 | 78·4 | 0·692 | 60 | 238 | SWbyW | 100 | 0·06 | Overcast. |
| 4 | 29·682 | 0·141 | 85·9 | 75·0 | 97·2 | 77·2 | 145·2 | 76·4 | 0·722 | 58 | 214 | SWbyW | 70 | 0·01 | Cloudy. |
| 5 | 29·687 | 0·130 | 85·6 | 75·1 | 91·4 | 79·5 | 140·5 | 78·7 | 0·731 | 59 | 214 | SW byS | 70 | ... | Do. |
| 6 | 29·712 | 0·101 | 85·4 | 74·3 | 95·2 | 78·4 | 125·9 | 76·0 | 0·700 | 58 | 200 | S W | 77 | 0·01 | Do. |
| 7 | 29·751 | 0·109 | 85·0 | 74·7 | 93·2 | 78·6 | 149·1 | 77·5 | 0·722 | 59 | 215 | South | 47 | ... | Fine with passing clouds. |
| 8 | 29·769 | 0·116 | 85·0 | 74·3 | 100·1 | 80·0 | 152·7 | 78·6 | 0·705 | 59 | 159 | S by W | 80 | 0·02 | Cloudy. |
| 9 | 29·792 | 0·107 | 84·1 | 74·8 | 92·6 | 79·6 | 128·7 | 78·1 | 0·740 | 62 | 163 | S by W | 97 | ... | Do. |
| 10 | 29·754 | 0·137 | 88·0 | 72·8 | 99·7 | 80·1 | 150·5 | 78·6 | 0·603 | 46 | 230 | SWbyW | 67 | ... | Do. |
| 11 | 29·750 | 0·121 | 89·9 | 74·6 | 100·1 | 83·4 | 140·8 | 80·7 | 0·650 | 46 | 236 | SWbyW | 50 | ... | Do. |
| 12 | 29·748 | 0·144 | 88·1 | 74·9 | 101·1 | 79·3 | 145·9 | 77·6 | 0·688 | 52 | 221 | S S W | 57 | ... | Passing clouds. |
| 13 | 29·800 | 0·121 | 83·6 | 74·5 | 92·1 | 81·6 | 110·5 | 80·8 | 0·733 | 64 | 181 | S S W | 85 | ... | Cloudy day: fine night. |
| 14 | 29·805 | 0·144 | 84·3 | 75·3 | 92·1 | 78·9 | 110·5 | 78·2 | 0·757 | 64 | 174 | S W | 93 | 1·20 | Cloudy: th. W: rain. |
| 15 | 29·774 | 0·158 | 78·9 | 74·4 | 89·1 | 75·0 | 142·6 | 70·4 | 0·793 | 80 | 140 | S by W | 95 | 0·48 | Overcast: th.: rain. |
| 16 | 29·769 | 0·129 | 79·8 | 74·5 | 84·6 | 74·2 | 114·4 | 72·5 | 0·784 | 76 | 160 | S by W | 85 | 0·25 | Cloudy: lg.: rain. |
| 17 | 29·806 | 0·116 | 79·7 | 74·4 | 85·9 | 76·3 | 112·6 | 74·9 | 0·781 | 76 | 89 | S W | 100 | ... | Overcast. |
| 18 | 29·826 | 0·137 | 75·8 | 73·0 | 77·6 | 73·1 | 83·7 | 71·6 | 0·776 | 86 | 134 | SW byW | 100 | 1·20 | Overcast: rain. |
| 19 | 29·795 | 0·137 | 78·5 | 74·4 | 83·6 | 75·3 | 112·6 | 74·0 | 0·798 | 82 | 87 | S S W | 97 | 0·07 | Chiefly overcast. |
| 20 | 29·756 | 0·147 | 81·9 | 74·4 | 88·5 | 75·3 | 122·3 | 73·7 | 0·751 | 69 | 132 | SW by S | 90 | ... | Cloudy. |
| 21 | 29·729 | 0·128 | 83·6 | 74·9 | 93·2 | 76·4 | 148·2 | 71·7 | 0·749 | 64 | 187 | S S W | 60 | ... | Passing clouds. |
| 22 | 29·769 | 0·153 | 78·8 | 74·5 | 82·3 | 75·1 | 115·9 | 73·5 | 0·798 | 80 | 116 | S W | 97 | 0·07 | Chiefly overcast. |
| 23 | 29·774 | 0·128 | 81·8 | 75·0 | 91·2 | 75·4 | 134·6 | 73·8 | 0·778 | 71 | 148 | S S W | 70 | 0·06 | Passing clouds. |
| 24 | 29·756 | 0·137 | 83·2 | 74·9 | 93·4 | 74·7 | 134·8 | 73·7 | 0·755 | 65 | 131 | SWby S | 60 | ... | Do. |
| 25 | 29·727 | 0·140 | 82·7 | 75·7 | 93·1 | 78·1 | 128·2 | 76·4 | 0·795 | 71 | 130 | S by W | 60 | ... | Cloudy day: fine night. |
| 26 | 29·734 | 0·135 | 83·0 | 75·6 | 93·9 | 77·1 | 130·2 | 75·5 | 0·787 | 69 | 123 | S by W | 83 | 0·08 | Cloudy. |
| 27 | 29·762 | 0·097 | 80·2 | 75·3 | 88·3 | 74·4 | 148·7 | 73·4 | 0·812 | 78 | 149 | South | 70 | 0·33 | Passing clouds: rain. |
| 28 | 29·771 | 0·100 | 80·5 | 74·9 | 88·7 | 71·5 | 115·9 | 70·7 | 0·791 | 76 | 170 | S W | 87 | 0·92 | Cloudy: rain. |
| 29 | 29·740 | 0·159 | 78·7 | 73·4 | 90·8 | 73·2 | 114·6 | 72·5 | 0·753 | 76 | 145 | S W | 83 | 1·54 | Overcast: thunderstorm. |
| 30 | 29·678 | 0·114 | 79·3 | 74·3 | 89·2 | 72·0 | 118·9 | 71·2 | 0·782 | 78 | 150 | S W | 98 | 0·19 | Overcast with rain. |
| 31 | 29·648 | 0·126 | 81·3 | 74·3 | 90·5 | 77·0 | 110·6 | 75·7 | 0·755 | 71 | 150 | SWbyW | 90 | 0·02 | Cloudy. |
| Mean | 29·745 | 0·129 | 82·8 | 74·6 | 91·7 | 77·0 | 128·7 | 75·6 | 0·746 | 67 | 168 | SW by S | 80 | 6·61 | |

# Madras Meteorological Observations. 1879—September.

| September 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·686 | 0·129 | 82·9 | 74·4 | 92·9 | 77·1 | 130·9 | 75·0 | 0·738 | 65 | 152 | S W | 80 | 0·06 | Cloudy. |
| 2 | 29·711 | 0·159 | 83·2 | 75·1 | 95·0 | 76·6 | 145·6 | 73·8 | 0·764 | 67 | 165 | S S W | 57 | ... | Do. |
| 3 | 29·719 | 0·156 | 85·0 | 75·2 | 95·6 | 77·3 | 145·4 | 75·4 | 0·743 | 61 | 167 | S S W | 50 | ... | Passing clouds. |
| 4 | 29·742 | 0·144 | 83·8 | 75·3 | 94·6 | 78·4 | 145·3 | 76·9 | 0·764 | 65 | 155 | S E | 50 | ... | Do. |
| 5 | 29·755 | 0·092 | 84·6 | 76·5 | 94·1 | 79·3 | 142·9 | 77·9 | 0·805 | 68 | 142 | SE by S | 63 | ... | Do. |
| 6 | 29·773 | 0·140 | 82·8 | 76·3 | 93·1 | 78·3 | 152·6 | 77·7 | 0·820 | 73 | 127 | SE by S | 87 | 0·01 | Cloudy. |
| 7 | 29·789 | 0·141 | 81·3 | 76·3 | 94·1 | 75·0 | 125·9 | 73·7 | 0·840 | 78 | 137 | S S W | 77 | 0·23 | Cloudy : rain. |
| 8 | 29·807 | 0·106 | 81·9 | 76·2 | 92·1 | 76·5 | 130·6 | 74·9 | 0·828 | 76 | 112 | S S E | 50 | ... | Passing clouds. |
| 9 | 29·793 | 0·111 | 82·2 | 75·1 | 91·9 | 77·2 | 134·2 | 75·3 | 0·777 | 71 | 138 | S W | 90 | 0·04 | Cloudy. |
| 10 | 29·790 | 0·127 | 82·7 | 73·5 | 95·0 | 77·6 | 139·4 | 75·5 | 0·703 | 63 | 136 | S W | 87 | 0·03 | Do. |
| 11 | 29·803 | 0·115 | 83·5 | 73·7 | 95·2 | 75·2 | 142·9 | 74·5 | 0·701 | 60 | 205 | S W | 63 | ... | Passing clouds. |
| 12 | 29·826 | 0·123 | 84·4 | 74·7 | 98·3 | 76·8 | 150·3 | 74·9 | 0·730 | 62 | 208 | S W | 47 | ... | Do. |
| 13 | 29·823 | 0·141 | 84·7 | 74·9 | 97·9 | 76·4 | 146·1 | 75·4 | 0·735 | 61 | 230 | SW by W | 57 | ... | Do. |
| 14 | 29·808 | 0·121 | 84·4 | 73·0 | 94·7 | 77·2 | 123·4 | 75·9 | 0·659 | 56 | 160 | W S W | 57 | ... | Do. |
| 15 | 29·784 | 0·132 | 85·4 | 74·0 | 95·9 | 78·3 | 144·2 | 77·3 | 0·687 | 56 | 147 | W by N | 60 | ... | Do. |
| 16 | 29·728 | 0·145 | 87·1 | 73·2 | 98·1 | 78·2 | 145·6 | 76·8 | 0·631 | 49 | 161 | West | 57 | ... | Light passing clouds. |
| 17 | 29·723 | 0·165 | 85·4 | 73·8 | 99·7 | 78·3 | 148·9 | 77·5 | 0·679 | 56 | 196 | S S W | 50 | ... | Passing clouds. |
| 18 | 29·718 | 0·142 | 85·6 | 73·7 | 96·6 | 78·8 | 147·3 | 75·6 | 0·672 | 55 | 181 | SW by W | 77 | 0·12 | Passing clouds : rain. |
| 19 | 29·693 | 0·151 | 85·6 | 72·8 | 98·1 | 77·9 | 147·7 | 73·9 | 0·636 | 52 | 208 | S W | 73 | ... | Cloudy. |
| 20 | 29·680 | 0·133 | 85·4 | 72·6 | 95·1 | 79·6 | 160·4 | 77·5 | 0·630 | 51 | 196 | W by S | 70 | 0·01 | Do. |
| 21 | 29·664 | 0·135 | 85·5 | 74·9 | 93·7 | 78·9 | 120·9 | 75·7 | 0·724 | 59 | 158 | W S W | 93 | ... | Do. |
| 22 | 29·703 | 0·096 | 84·7 | 74·1 | 95·5 | 76·9 | 129·3 | 76·1 | 0·701 | 59 | 238 | W by S | 100 | ... | Overcast. |
| 23 | 29·751 | 0·095 | 85·3 | 72·2 | 97·2 | 78·9 | 135·4 | 78·1 | 0·615 | 51 | 190 | W by N | 97 | ... | Chiefly overcast. |
| 24 | 29·756 | 0·117 | 87·8 | 73·9 | 98·9 | 81·2 | 141·6 | 80·4 | 0·650 | 49 | 181 | W by N | 60 | ... | Passing clouds. |
| 25 | 29·761 | 0·107 | 84·8 | 75·2 | 100·8 | 79·3 | 152·6 | 77·8 | 0·746 | 62 | 186 | NW by N | 40 | 0·04 | Do. |
| 26 | 29·795 | 0·146 | 86·0 | 73·8 | 97·7 | 77·9 | 152·6 | 75·7 | 0·671 | 54 | 172 | South | 37 | ... | Fine with passing clouds. |
| 27 | 29·832 | 0·137 | 83·8 | 73·4 | 95·4 | 76·1 | 151·4 | 73·8 | 0·683 | 59 | 139 | SE by S | 7 | ... | Fine. |
| 28 | 29·858 | 0·135 | 83·4 | 75·0 | 95·5 | 75·8 | 137·0 | 72·7 | 0·756 | 65 | 93 | S E | 17 | ... | Do. |
| 29 | 29·872 | 0·145 | 84·8 | 76·1 | 97·5 | 76·4 | 132·5 | 73·3 | 0·784 | 65 | 99 | S E | 43 | ... | Passing clouds. |
| 30 | 29·863 | 0·155 | 86·1 | 76·3 | 96·4 | 77·9 | 151·4 | 74·5 | 0·776 | 61 | 97 | S E | 40 | | Do. |
| Mean | 29·767 | 0·131 | 84·5 | 74·5 | 95·9 | 77·6 | 141·8 | 75·8 | 0·722 | 61 | 163 | SW by S | 61 | 0·54 | |

# Madras Meteorological Observations. 1879—October.

| October 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·815 | 0·209 | 83·1 | 75·2 | 97·1 | 77·2 | 152·6 | 76·6 | 0·769 | 67 | 114 | S S E | 72 | 0·07 | Passing clouds. |
| 2 | 29·773 | 0·144 | 80·9 | 76·3 | 92·2 | 72·7 | 143·9 | 72·8 | 0·846 | 80 | 152 | S by W | 63 | 2·95 | Thunderstorm : day cloudy. |
| 3 | 29·804 | 0·170 | 81·9 | 77·1 | 91·1 | 78·2 | 149·0 | 77·0 | 0·867 | 80 | 133 | S S E | 67 | 0·04 | Cloudy. |
| 4 | 29·838 | 0·151 | 77·8 | 73·5 | 84·3 | 72·4 | 125·6 | 71·7 | 0·769 | 81 | 69 | S S W | 100 | 2·04 | Overcast : thunderstorm. |
| 5 | 29·832 | 0·113 | 77·2 | 74·2 | 80·8 | 75·0 | 110·6 | 73·8 | 0·807 | 86 | 46 | SE by S | 93 | 0·25 | Overcast : rain. |
| 6 | 29·833 | 0·147 | 81·3 | 76·3 | 88·3 | 75·6 | 126·9 | 74·1 | 0·840 | 78 | 145 | S S E | 37 | ... | Fine with passing clouds. |
| 7 | 29·828 | 0·172 | 82·3 | 77·1 | 90·8 | 76·9 | 152·7 | 75·7 | 0·862 | 78 | 133 | S E by S | 30 | ... | Do. |
| 8 | 29·808 | 0·161 | 78·8 | 74·8 | 87·7 | 71·5 | 146·0 | 72·0 | 0·810 | 82 | 66 | South | 63 | 3·66 | Severe thunderstorm. |
| 9 | 29·774 | 0·153 | 82·7 | 75·7 | 94·1 | 75·3 | 145·6 | 74·8 | 0·795 | 71 | 132 | South | 47 | ... | Passing clouds. |
| 10 | 29·736 | 0·138 | 81·7 | 74·1 | 96·5 | 74·6 | 147·9 | 73·6 | 0·742 | 69 | 153 | S by W | 57 | 0·05 | Passing clouds : th. and lg. |
| 11 | 29·791 | 0·073 | 80·7 | 74·6 | 88·8 | 74·9 | 145·9 | 71·8 | 0·776 | 74 | 138 | W S W | 93 | 0·46 | Cloudy : rain. |
| 12 | 29·800 | 0·134 | 81·5 | 75·0 | 91·8 | 74·0 | 136·7 | 71·8 | 0·782 | 73 | 100 | W by N | 40 | ... | Fine with passing clouds. |
| 13 | 29·809 | 0·131 | 80·7 | 73·0 | 92·2 | 72·3 | 150·9 | 68·8 | 0·709 | 67 | 64 | N by W | 30 | ... | Do. |
| 14 | 29·845 | 0·105 | 81·0 | 72·4 | 92·8 | 74·9 | 151·6 | 71·8 | 0·683 | 64 | 97 | N N E | 23 | ... | Fine with light clouds. |
| 15 | 29·855 | 0·118 | 80·4 | 72·1 | 92·7 | 71·9 | 150·4 | 68·0 | 0·679 | 65 | 83 | N N E | 13 | ... | Fine. |
| 16 | 29·875 | 0·130 | 80·7 | 72·7 | 90·7 | 72·0 | 147·2 | 68·7 | 0·697 | 67 | 110 | E N E | 10 | ... | Do. |
| 17 | 29·900 | 0·120 | 82·2 | 74·5 | 89·8 | 74·7 | 146·1 | 71·8 | 0·752 | 68 | 115 | E N E | 33 | ... | Fine with passing clouds. |
| 18 | 29·945 | 0·107 | 81·1 | 75·4 | 90·5 | 75·7 | 144·1 | 73·7 | 0·805 | 76 | 106 | E by N | 67 | 1·05 | Cloudy : th. lg. and rain. |
| 19 | 29·957 | 0·100 | 80·2 | 75·9 | 88·8 | 76·1 | 132·8 | 73·5 | 0·838 | 82 | 123 | E N E | 60 | 0·01 | Cloudy. |
| 20 | 29·917 | 0·139 | 79·8 | 75·7 | 88·3 | 74·6 | 146·6 | 73·7 | 0·835 | 82 | 137 | N N E | 80 | 0·35 | Cloudy : rain. |
| 21 | 29·932 | 0·118 | 76·7 | 73·6 | 82·0 | 74·1 | 114·3 | 73·0 | 0·789 | 86 | 127 | N N W | 90 | 0·84 | Do. : do. |
| 22 | 29·913 | 0·126 | 77·5 | 74·4 | 84·3 | 72·3 | 128·3 | 71·7 | 0·811 | 86 | 167 | N N E | 97 | 1·05 | Overcast : lg. : rain. |
| 23 | 29·875 | 0·107 | 75·3 | 73·3 | 82·6 | 73·9 | 121·6 | 72·4 | 0·794 | 90 | 130 | North | 87 | 1·81 | Overcast : rain. |
| 24 | 29·857 | 0·108 | 78·5 | 74·8 | 85·6 | 74·1 | 149·3 | 72·7 | 0·814 | 83 | 158 | N N W | 90 | 0·17 | Cloudy : rain. |
| 25 | 29·836 | 0·117 | 79·9 | 74·8 | 87·3 | 74·4 | 130·8 | 72·9 | 0·795 | 78 | 141 | N by W | 67 | ... | Cloudy. |
| 26 | 29·798 | 0·159 | 80·5 | 76·3 | 88·1 | 75·4 | 120·6 | 72·8 | 0·851 | 81 | 104 | N by W | 67 | ... | Do. |
| 27 | 20·804 | 0·124 | 79·5 | 74·3 | 88·8 | 73·6 | 148·4 | 71·5 | 0·779 | 77 | 96 | N N W | 60 | ... | Passing clouds. |
| 28 | 29·827 | 0·132 | 78·1 | 72·0 | 86·8 | 74·0 | 138·3 | 71·2 | 0·705 | 74 | 103 | North | 83 | ... | Cloudy. |
| 29 | 29·815 | 0·131 | 77·5 | 73·6 | 84·5 | 75·1 | 114·1 | 72·9 | 0·777 | 82 | 201 | N by W | 97 | 1·82 | Overcast with rain. |
| 30 | 29·776 | 0·130 | 73·6 | 71·9 | 76·6 | 70·1 | 114·1 | 70·1 | 0·760 | 92 | 260 | NW by N | 100 | 1·60 | Do. |
| 31 | 29·797 | 0·119 | 77·6 | 74·7 | 85·3 | 73·7 | 137·0 | 72·0 | 0·822 | 86 | 102 | N N W | 83 | 0·01 | Cloudy. |
| Mean | 29·838 | 0·132 | 79·7 | 74·5 | 88·4 | 74·2 | 137·7 | 72·5 | 0·786 | 78 | 123 | Variable. | 64 | 18·23 | |

*Note.*—8th.—2·86 inches of rain fell between 2 A.M. and 3 A.M.

# Madras Meteorological Observations. 1879—November.

| November 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·812 | 0·111 | 79·2 | 74·9 | 86·7 | 74·5 | 138·9 | 73·5 | 0·807 | 81 | 77 | W S W | 70 | 0·02 | Cloudy. |
| 2 | 29·841 | 0·134 | 80·5 | 75·9 | 90·6 | 75·2 | 144·1 | 72·9 | 0·832 | 80 | 83 | SE by S | 43 | 0·01 | Fine with passing clouds. |
| 3 | 29·844 | 0·147 | 77·2 | 74·0 | 85·4 | 72·3 | 112·6 | 70·2 | 0·798 | 85 | 60 | West | 70 | 0·06 | Cloudy day : fine night. |
| 4 | 29·823 | 0·126 | 80·1 | 75·8 | 93·4 | 74·8 | 147·6 | 71·7 | 0·836 | 81 | 116 | S by W | 40 | 0·16 | Fine with passing clouds : lg. : rain. |
| 5 | 29·885 | 0·116 | 77·7 | 70·4 | 82·8 | 76·5 | 108·9 | 74·2 | 0·648 | 68 | 105 | N by W | 83 | ... | Cloudy day : fine night. |
| 6 | 29·900 | 0·107 | 74·1 | 70·2 | 80·2 | 72·0 | 112·6 | 68·4 | 0·687 | 81 | 173 | N W by N | 83 | 1·20 | Cloudy : th. lg. and rain. |
| 7 | 29·871 | 0·107 | 75·9 | 73·5 | 80·6 | 72·2 | 110·0 | 71·0 | 0·795 | 88 | 187 | N N W | 100 | 1·44 | Overcast : th. lg. and rain. |
| 8 | 29·910 | 0·101 | 78·7 | 73·9 | 84·5 | 74·4 | 108·9 | 72·2 | 0·774 | 79 | 225 | North | 70 | 0·01 | Cloudy. |
| 9 | 29·949 | 0·098 | 77·2 | 72·1 | 84·5 | 73·3 | 106·0 | 69·9 | 0·721 | 77 | 188 | North | 85 | ... | Do. |
| 10 | 29·943 | 0·119 | 77·5 | 71·2 | 84·4 | 72·4 | 128·8 | 69·2 | 0·678 | 72 | 222 | North | 37 | ... | Fine with passing clouds. |
| 11 | 29·922 | 0·119 | 76·8 | 70·0 | 83·4 | 71·5 | 137·9 | 68·3 | 0·643 | 70 | 224 | N by W | 63 | ... | Passing clouds. |
| 12 | 29·938 | 0·097 | 77·6 | 70·9 | 84·1 | 72·4 | 140·9 | 69·7 | 0·668 | 70 | 216 | N by W | 23 | ... | Fine. |
| 13 | 29·931 | 0·111 | 75·8 | 72·6 | 83·7 | 72·2 | 109·6 | 70·0 | 0·759 | 85 | 251 | N by W | 90 | 1·48 | Cloudy : lg. S. : rain. |
| 14 | 29·949 | 0·073 | 75·0 | 72·2 | 79·6 | 72·3 | 107·6 | 70·7 | 0·754 | 87 | 268 | N E | 100 | 2·31 | Overcast : rain. |
| 15 | 29·886 | 0·110 | 78·8 | 74·3 | 82·4 | 76·2 | 111·0 | 73·7 | 0·789 | 80 | 320 | N by E | 100 | 0·02 | Overcast. |
| 16 | 29·888 | 0·114 | 75·8 | 71·3 | 80·0 | 73·2 | 112·7 | 70·6 | 0·708 | 79 | 217 | N N W | 93 | ... | Do. |
| 17 | 29·875 | 0·130 | 75·2 | 69·7 | 76·5 | 73·2 | 99·2 | 71·4 | 0·654 | 75 | 237 | N W by N | 100 | 0·02 | Do. |
| 18 | 29·721 | 0·162 | 69·6 | 66·5 | 70·6 | 68·4 | 82·4 | 67·4 | 0·611 | 85 | 464 | W N W | 100 | 3·57 | Cloudy with rain. |
| 19 | 29·797 | 0·085 | 77·2 | 71·3 | 85·1 | 69·6 | 133·8 | 67·7 | 0·688 | 73 | 281 | SW by S | 93 | 0·12 | Do. |
| 20 | 29·846 | 0·100 | 79·9 | 73·4 | 86·4 | 76·2 | 140·9 | 74·6 | 0·737 | 72 | 135 | S by E | 37 | ... | Fine with passing clouds. |
| 21 | 29·902 | 0·121 | 79·5 | 74·8 | 88·6 | 74·4 | 146·0 | 70·6 | 0·801 | 79 | 80 | S S E | 20 | ... | Do. |
| 22 | 29·925 | 0·113 | 79·6 | 75·1 | 86·6 | 74·2 | 120·4 | 71·3 | 0·812 | 80 | 124 | NE by E | 20 | ... | Do. |
| 23 | 29·953 | 0·112 | 80·1 | 74·5 | 87·4 | 74·3 | 131·0 | 71·0 | 0·780 | 76 | 126 | NE by N | 47 | ... | Passing clouds. |
| 24 | 29·948 | 0·111 | 79·5 | 73·5 | 86·5 | 73·9 | 139·4 | 69·9 | 0·746 | 74 | 135 | N N E | 30 | ... | Fine with passing clouds. |
| 25 | 29·925 | 0·141 | 77·8 | 73·2 | 87·5 | 72·8 | 139·2 | 68·7 | 0·757 | 80 | 129 | N N E | 33 | ... | Do. |
| 26 | 29·906 | 0·123 | 74·6 | 67·9 | 84·6 | 68·4 | 145·3 | 64·2 | 0·594 | 60 | 124 | North | 10 | ... | Fine. |
| 27 | 29·933 | 0·090 | 74·3 | 68·5 | 83·4 | 65·1 | 142·9 | 59·9 | 0·621 | 72 | 172 | N by W | 17 | ... | Do. |
| 28 | 29·977 | 0·117 | 75·3 | 70·7 | 81·8 | 69·6 | 132·9 | 64·7 | 0·601 | 79 | 224 | N by W | 33 | ... | Fine with passing clouds. |
| 29 | 29·987 | 0·107 | 72·3 | 67·9 | 77·6 | 66·6 | 122·4 | 66·2 | 0·625 | 79 | 213 | N N W | 80 | 0·49 | Cloudy : rain. |
| 30 | 29·985 | 0·107 | 75·3 | 68·9 | 80·7 | 72·3 | 126·7 | 69·4 | 0·622 | 71 | 193 | N by E | 70 | ... | Cloudy. |
| Mean | 29·899 | 0·114 | 76·9 | 72·0 | 83·7 | 72·5 | 124·7 | 69·8 | 0·721 | 78 | 186 | North | 61 | 10·91 | |

*Note.*—18th.—A storm passed some distance northward of Madras.

# Madras Meteorological Observations. 1879—December.

| December 1879 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·969 | 0·102 | 74·2 | 68·3 | 82·7 | 68·7 | 127·4 | 65·9 | 0·614 | 72 | 170 | N by E | 60 | ... | Passing clouds. |
| 2 | 29·966 | 0·109 | 74·2 | 68·4 | 82·7 | 68·6 | 124·9 | 65·8 | 0·618 | 73 | 212 | North | 50 | ... | Do. |
| 3 | 29·949 | 0·120 | 75·7 | 69·6 | 82·6 | 68·7 | 142·9 | 65·3 | 0·643 | 73 | 232 | North | 47 | ... | Do. |
| 4 | 29·941 | 0·109 | 75·1 | 71·8 | 80·5 | 70·3 | 125·4 | 68·8 | 0·737 | 85 | 192 | North | 100 | 0·86 | Overcast with rain. |
| 5 | 29·957 | 0·097 | 76·8 | 72·1 | 83·6 | 73·7 | 117·6 | 70·6 | 0·726 | 78 | 232 | N N E | 80 | 0·02 | Cloudy. |
| 6 | 29·957 | 0·110 | 76·9 | 68·4 | 82·5 | 72·9 | 136·0 | 68·6 | 0·582 | 62 | 263 | N by E | 43 | ... | Passing clouds. |
| 7 | 29·942 | 0·118 | 75·0 | 67·8 | 83·1 | 68·3 | 137·1 | 64·6 | 0·585 | 67 | 240 | N by E | 50 | ... | Do. |
| 8 | 29·930 | 0·105 | 74·3 | 67·7 | 80·6 | 69·0 | 127 6 | 66·1 | 0·591 | 70 | 281 | North | 43 | ... | Light passing clouds. |
| 9 | 29·885 | 0·091 | 72·9 | 65·8 | 79·2 | 68·9 | 120·6 | 66·6 | 0·541 | 67 | 230 | N N W | 60 | ... | Chiefly cloudy. |
| 10 | 29·917 | 0·131 | 72·0 | 63·7 | 81·1 | 66·8 | 124 0 | 62·9 | 0·481 | 61 | 162 | N N W | 40 | ... | Light passing clouds. |
| 11 | 29·935 | 0·124 | 74·0 | 68·6 | 83·1 | 66·3 | 130·6 | 62·1 | 0·628 | 74 | 161 | N N W | 37 | ... | Fine with passing clouds. |
| 12 | 29·911 | 0·134 | 75·1 | 70·7 | 83·9 | 68·8 | 121·4 | 65·9 | 0·693 | 79 | 158 | N by E | 30 | ... | Do. |
| 13 | 29·879 | 0·123 | 76·6 | 70·6 | 84·2 | 69·6 | 126·1 | 65·0 | 0·669 | 73 | 205 | N N E | 63 | ... | Passing clouds. |
| 14 | 29·915 | 0·085 | 75·8 | 68·7 | 84·4 | 70·2 | 136·6 | 65·3 | 0·608 | 69 | 296 | N N E | 60 | ... | Do. |
| 15 | 29·916 | 0·089 | 75·4 | 70·0 | 81·4 | 70·2 | 115·6 | 67·2 | 0·662 | 75 | 298 | N by E | 83 | ... | Cloudy. |
| 16 | 29·933 | 0·094 | 75·0 | 69·9 | 80·5 | 72·2 | 112·6 | 69·5 | 0·665 | 77 | 262 | N by E | 87 | 0·08 | Do. |
| 17 | 29·952 | 0·075 | 73·8 | 70·4 | 81·5 | 71·8 | 114·1 | 69·5 | 0·699 | 83 | 207 | North | 80 | 0·41 | Cloudy : rain. |
| 18 | 29·925 | 0·117 | 77·6 | 72·8 | 82·8 | 75·9 | 121·8 | 68·4 | 0·744 | 79 | 192 | N by E | 63 | ... | Cloudy. |
| 19 | 29·934 | 0·086 | 77·6 | 73·3 | 79·1 | 73·0 | 130·2 | 70·3 | 0·763 | 81 | 201 | N N E | 50 | ... | Passing clouds. |
| 20 | 29·933 | 0·112 | 77·4 | 71·4 | 84·6 | 70·5 | 126·6 | 66·5 | 0·689 | 73 | 254 | NE by N | 47 | ... | Do. |
| 21 | 29·952 | 0·101 | 76·6 | 69·9 | 82·6 | 70·7 | 111·4 | 67·1 | 0·643 | 71 | 316 | N N E | 83 | 0·01 | Cloudy. |
| 22 | 29·923 | 0·095 | 76·4 | 71·0 | 79·9 | 75·6 | 116·6 | 72·5 | 0·687 | 75 | 352 | N by E | 100 | ... | Overcast. |
| 23 | 29·927 | 0·085 | 72·6 | 68·9 | 75·5 | 70·4 | 90·6 | 68·7 | 0·659 | 82 | 250 | N by E | 100 | 2·91 | Overcast : rain. |
| 24 | 29·894 | 0·102 | 74·5 | 69·9 | 81·5 | 69·5 | 131·1 | 65·8 | 0·671 | 80 | 240 | North | 33 | 0·04 | Fine with passing clouds. |
| 25 | 29·918 | 0·121 | 72·8 | 66·7 | 80·7 | 66·0 | ... | 64·3 | 0·575 | 72 | 158 | N by E | 20 | ... | Fine. |
| 26 | 29·949 | 0·120 | 72·6 | 66·4 | 81·5 | 68·4 | ... | 58·5 | 0·567 | 69 | 139 | N N E | 13 | ... | Do. |
| 27 | 29·927 | 0·130 | 71·1 | 65·3 | 81·7 | 63·4 | ... | 57·7 | 0·547 | 72 | 153 | N N E | 10 | ... | Do. |
| 28 | 29·924 | 0·118 | 73·8 | 68·1 | 82·2 | 66·6 | 142·0 | 61·4 | 0·612 | 73 | 205 | N by E | 12 | ... | Do. |
| 29 | 29·906 | 0·130 | 74·5 | 69·4 | 83·1 | 70·6 | ... | 66·6 | 0·652 | 76 | 218 | N by E | 20 | ... | Fine with passing clouds. |
| 30 | 29·907 | 0·125 | 72·1 | 67·0 | 84·1 | 65·9 | 137·2 | 61·3 | 0·595 | 76 | 156 | N N E | 27 | ... | Do. |
| 31 | 29·912 | 0·101 | 72·3 | 66 2 | 81·1 | 64·6 | ... | 58·9 | 0·564 | 71 | 188 | North | 63 | ... | Cloudy. |
| Mean | 29·929 | 0·108 | 74·7 | 69·0 | 81·9 | 69·6 | 124·9 | 65·7 | 0·636 | 74 | 220 | N by E | 53 | 4·33 | |

## Madras Mean Monthly and Annual Meteorological Results in 1879.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·982 | 0·120 | 75·8 | 85·7 | 68·0 | 17·7 | 68·7 | 65·1 | 0·610 | 68 | 135·5 | 65·5 | 174 | 2 | N N E | 1·30 | 5 | 55 |
| February | 29·967 | 0·120 | 77·6 | 87·6 | 68·6 | 19·0 | 70·0 | 65·7 | 0·634 | 67 | 144·0 | 65·7 | 128 | 6 | E N E | ... | ... | 69 |
| March | 29·900 | 0·133 | 80·9 | 90·5 | 72·8 | 17·7 | 73·8 | 70·4 | 0·739 | 70 | 144·0 | 70·2 | 124 | 11 | S E by E | 1·50 | 3 | 68 |
| April | 29·800 | 0·133 | 84·9 | 94·8 | 78·3 | 16·5 | 77·7 | 75·0 | 0·856 | 71 | 146·1 | 76·5 | 197 | 12 | S E | ... | ... | 74 |
| May | 29·694 | 0·125 | 85·6 | 95·3 | 79·7 | 15·6 | 76·7 | 74·5 | 0·801 | 65 | 136·2 | 78·3 | 257 | 15 | S by E | 4·43 | 4 | 51 |
| June | 29·712 | 0·114 | 84·5 | 95·9 | 78·7 | 17·2 | 75·8 | 72·8 | 0·775 | 65 | 135·9 | 77·2 | 195 | 18 | S S W | 2·10 | 16 | 27 |
| July | 29·715 | 0·118 | 83·8 | 94·5 | 77·8 | 16·7 | 75·9 | 73·5 | 0·791 | 68 | 132·1 | 76·3 | 170 | 17 | S by W | 4·30 | 14 | 30 |
| August | 29·745 | 0·129 | 82·8 | 91·7 | 77·0 | 14·7 | 74·6 | 71·9 | 0·741 | 67 | 128·7 | 75·6 | 168 | 19 | S W by S | 6·61 | 18 | 20 |
| September | 29·767 | 0·131 | 84·5 | 95·9 | 77·6 | 18·3 | 74·5 | 71·9 | 0·722 | 61 | 141·8 | 75·8 | 163 | 19 | S W by S | 0·54 | 8 | 39 |
| October | 29·838 | 0·132 | 79·7 | 88·4 | 74·2 | 14·2 | 74·5 | 71·7 | 0·786 | 78 | 137·7 | 72·5 | 123 | ... | Variable | 18·23 | 18 | 36 |
| November | 29·899 | 0·114 | 76·9 | 83·7 | 72·5 | 11·2 | 72·0 | 69·7 | 0·721 | 78 | 124·7 | 69·8 | 186 | 0 | North | 10·91 | 14 | 39 |
| December | 29·929 | 0·108 | 74·7 | 81·9 | 69·6 | 12·3 | 69·0 | 66·6 | 0·636 | 74 | 124·9 | 65·7 | 220 | 1 | N by E | 4·33 | 7 | 47 |
| Annual | 29·829 | 0·123 | 81·0 | 90·5 | 74·6 | 15·9 | 73·6 | 70·7 | 0·734 | 69 | 136·0 | 72·5 | 175 | 11 | S E by E | 54·25 | 107 | 46 |

## Madras Extreme Monthly Meteorological Records in 1879.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·104 | 31 | 29·841 | 20 | 0·263 | 86·6 | 3 | 62·2 | 18 | 60·0 | 1 | 35 | 1 | 146·7 | 14 | 58·2 | 18 | 300 | 21 | 120 | 24 | 0·73 | 22 |
| February | 30·133 | 5 | 29·779 | 23 | 0·354 | 92·6 | 28 | 62·3 | 7 | 59·9 | 7 | 41 | 5 | 152·0 | 28 | 58·6 | 7 | 200 | 4 | 82 | 2 | ... | ... |
| March | 30·054 | 8 | 29·765 | 29 | 0·289 | 96·3 | 29 | 65·3 | 11 | 63·0 | 11 | 28 | 1 | 150·6 | 1 | 61·4 | 11 | 199 | 4 | 75 | 8 | 0·60 | 20 |
| April | 29·929 | 1 | 29·633 | 16 | 0·296 | 108·3 | 15 | 72·1 | 1 | 69·6 | 1 | 44 | 16 | 155·7 | 15 | 69·0 | 1 | 298 | 20 | 98 | 1 | ... | ... |
| May | 29·864 | 12 | 29·382 | 20 | 0·482 | 103·9 | 18 | 71·3 | 21 | 68·6 | 27 | 31 | 7 | 149·4 | 8 | 67·8 | 21 | 563 | 21 | 145 | 18 | 3·25 | 20 |
| June | 29·873 | 6 | 29·582 | 20 | 0·291 | 102·8 | 2 | 74·4 | 7 | 70·9 | 5 | 30 | 1 | 154·6 | 20 | 73·6 | 4 | 271 | 2 | 114 | 23 | 0·67 | 6 |
| July | 29·818 | 14 | 29·554 | 30 | 0·264 | 103·1 | 7 | 74·9 | 17 | 71·0 | 17 | 39 | 3 | 148·2 | 8 | 72·8 | 18 | 258 | 12 | 86 | 24 | 1·64 | 17 |
| August | 29·889 | 18 | 29·572 | 31 | 0·317 | 101·1 | 12 | 71·5 | 28 | 69·5 | 28 | 32 | 11 | 152·7 | 8 | 70·4 | 15 | 214 | 5 | 87 | 19 | 1·54 | 29 |
| September | 29·935 | 29 | 29·590 | 21 | 0·345 | 100·8 | 25 | 75·0 | 7 | 68·6 | 27 | 29 | 26 | 160·4 | 20 | 72·7 | 28 | 238 | 22 | 93 | 28 | 0·23 | 7 |
| October | 29·997 | 19 | 29·661 | 10 | 0·336 | 97·1 | 1 | 70·1 | 30 | 68·1 | 28 | 39 | 14 | 152·7 | 7 | 68·0 | 15 | 260 | 30 | 46 | 5 | 3·66 | 8 |
| November | 30·038 | 29 | 29·679 | 18 | 0·359 | 93·4 | 4 | 65·1 | 27 | 62·9 | 18 | 45 | 26 | 147·6 | 4 | 59·9 | 27 | 464 | 18 | 60 | 3 | 3·57 | 18 |
| December | 30·017 | 2 | 29·826 | 13 | 0·191 | 84·6 | 20 | 63·4 | 27 | 60·6 | 10 | 45 | 10 | 142·9 | 3 | 57·7 | 27 | 352 | 22 | 139 | 26 | 2·01 | 23 |

## Madras Meteorological Observations. 1880—January.

| January 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·882 | 0·119 | 72·0 | 65·1 | 78·0 | 67·3 | 106·4 | 65·3 | 0·528 | 67 | 206 | N by W | 97 | ... | Overcast. |
| 2 | 29·827 | 0·134 | 71·6 | 63·7 | 81·0 | 68·2 | 141·8 | 66·1 | 0·485 | 62 | 162 | N by W | 57 | ... | Passing clouds. |
| 3 | 29·801 | 0·131 | 70·3 | 63·9 | 85·3 | 59·0 | 136·3 | 54·0 | 0·509 | 68 | 96 | N by E | 13 | ... | Fine. |
| 4 | 29·829 | 0·113 | 72·0 | 66·3 | 87·0 | 63·4 | 141·1 | 58·1 | 0·570 | 72 | 90 | N W by N | 23 | ... | Do. |
| 5 | 29·884 | 0·098 | 72·6 | 67·1 | 84·8 | 63·4 | 139·4 | 58·0 | 0·591 | 73 | 80 | SW by S | 13 | ... | Do. |
| 6 | 29·908 | 0·130 | 74·3 | 69·1 | 83·7 | 66·2 | 140·2 | 61·7 | 0·619 | 75 | 95 | E by S | 23 | ... | Fine with passing clouds. |
| 7 | 29·900 | 0·135 | 73·8 | 69·1 | 85·3 | 66·7 | 141·0 | 62·1 | 0·649 | 78 | 99 | NE by E | 27 | ... | Do. |
| 8 | 29·901 | 0·134 | 75·1 | 68·1 | 85·8 | 66·8 | 143·8 | 61·5 | 0·594 | 68 | 113 | N E | 20 | ... | Fine. |
| 9 | 29·909 | 0·139 | 72·8 | 66·7 | 86·4 | 65·2 | 145·3 | 59·5 | 0·575 | 72 | 76 | E N E | 7 | ... | Do. |
| 10 | 29·919 | 0·131 | 71·0 | 65·5 | 85·9 | 60·8 | 143·8 | 54·1 | 0·556 | 73 | 68 | East | 3 | ... | Do. |
| 11 | 29·911 | 0·152 | 72·4 | 66·1 | 87·0 | 62·4 | 128·0 | 56·8 | 0·558 | 70 | 93 | S E | 7 | ... | Do. |
| 12 | 29·914 | 0·133 | 71·6 | 66·4 | 84·1 | 63·5 | 144·2 | 58·0 | 0·580 | 75 | 84 | SE by S | 7 | ... | Do. |
| 13 | 29·949 | 0·124 | 70·9 | 64·2 | 82·3 | 62·0 | 141·8 | 55·8 | 0·512 | 67 | 86 | S E | 3 | ... | Do. |
| 14 | 29·983 | 0·122 | 72·1 | 64·5 | 83·5 | 61·8 | 138·7 | 57·0 | 0·507 | 65 | 88 | E S E | 10 | ... | Do. |
| 15 | 29·990 | 0·135 | 72·2 | 64·1 | 85·2 | 61·6 | 148·9 | 57·3 | 0·492 | 62 | 90 | East | 10 | ... | Do. |
| 16 | 29·959 | 0·134 | 72·4 | 64·9 | 84·9 | 61·7 | 139·4 | 57·2 | 0·516 | 65 | 102 | E N E | 10 | ... | Do. |
| 17 | 29·983 | 0·114 | 73·7 | 65·8 | 85·5 | 62·4 | 141·4 | 57·6 | 0·531 | 63 | 113 | E N E | 10 | ... | Do. |
| 18 | 29·999 | 0·115 | 74·4 | 66·9 | 85·3 | 64·1 | 146·4 | 59·5 | 0·561 | 66 | 130 | N E | 30 | ... | Fine with passing clouds. |
| 19 | 30·004 | 0·113 | 73·8 | 67·3 | 85·1 | 66·5 | 148·6 | 62·4 | 0·583 | 70 | 160 | NE by N | 33 | ... | Do. |
| 20 | 30·017 | 0·125 | 75·5 | 68·3 | 84·9 | 64·4 | 140·7 | 60·1 | 0·597 | 67 | 177 | NE by N | 30 | 0·19 | Fine day : cloudy night : rain. |
| 21 | 30·014 | 0·124 | 74·8 | 71·3 | 82·0 | 71·2 | 138·7 | 71·1 | 0·721 | 84 | 195 | N N E | 83 | 0·42 | Chiefly cloudy : rain. |
| 22 | 30·018 | 0·128 | 77·4 | 71·4 | 85·0 | 70·5 | 143·0 | 68·4 | 0·690 | 73 | 140 | E N E | 47 | ... | Passing clouds. |
| 23 | 29·994 | 0·127 | 74·8 | 69·5 | 84·9 | 66·7 | 143·4 | 63·2 | 0·652 | 76 | 89 | E by N | 33 | ... | Fine with passing clouds. |
| 24 | 30·017 | 0·114 | 73·9 | 68·5 | 85·3 | 66·0 | 149·4 | 62·2 | 0·626 | 74 | 138 | NE by E | 43 | ... | Do. |
| 25 | 30·060 | 0·139 | 75·3 | 68·6 | 83·8 | 64·3 | 144·2 | 59·9 | 0·609 | 69 | 196 | NE by N | 33 | ... | Do. |
| 26 | 30·053 | 0·122 | 77·2 | 63·5 | 83·6 | 73·2 | 145·1 | 70·5 | 0·404 | 44 | 297 | NE by N | 67 | ... | Fine with light clouds. |
| 27 | 30·021 | 0·131 | 72·8 | 63·3 | 83·5 | 63·1 | 141·0 | 58·5 | 0·456 | 56 | 165 | NE by N | 63 | ... | Cloudy. |
| 28 | 30·022 | 0·119 | 76·4 | 66·7 | 84·3 | 70·1 | 150·8 | 70·2 | 0·527 | 58 | 152 | N N E | 63 | ... | Passing clouds. |
| 29 | 30·045 | 0·106 | 75·2 | 69·4 | 85·8 | 66·3 | 149·6 | 62·3 | 0·642 | 73 | 204 | NE by N | 80 | 0·13 | Cloudy with rain. |
| 30 | 30·051 | 0·088 | 77·6 | 72·8 | 84·3 | 73·1 | 144·4 | 71·7 | 0·741 | 79 | 280 | N E | 87 | 1·09 | Do. |
| 31 | 30·049 | 0·132 | 76·5 | 71·6 | 82·9 | 71·3 | 139·4 | 70·9 | 0·710 | 77 | 222 | NE by N | 97 | 0·82 | Do. |
| Mean | 29·962 | 0·125 | 73·8 | 67·1 | 84·4 | 65·6 | 141·5 | 61·6 | 0·577 | 69 | 138 | NE by E | 36 | 2·65 | |

# Madras Meteorological Observations. 1880—February.

| February 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·005 | 0·130 | 77·0 | 70·5 | 83·9 | 71·2 | 137·6 | 68·6 | 0·660 | 71 | 182 | NE by E | 43 | ... | Passing clouds. |
| 2 | 30·025 | 0·118 | 76·4 | 67·7 | 83·6 | 69·0 | 137·4 | 66·4 | 0·562 | 61 | 172 | E N E | 33 | ... | Fine with passing clouds. |
| 3 | 30·006 | 0·148 | 76·1 | 66·6 | 85·4 | 69·8 | 140·4 | 66·7 | 0·527 | 59 | 132 | NE by E | 13 | ... | Fine. |
| 4 | 29·968 | 0·128 | 74·3 | 67·4 | 84·1 | 65·7 | 140·4 | 61·7 | 0·580 | 68 | 112 | E N E | 10 | ... | Do. |
| 5 | 29·935 | 0·149 | 73·9 | 67·1 | 84·0 | 65·0 | 142·0 | 62·1 | 0·574 | 69 | 108 | East | 13 | ... | Do. |
| 6 | 29·942 | 0·117 | 72·4 | 65·2 | 83·0 | 63·7 | 138·6 | 59·9 | 0·526 | 66 | 94 | E by N | 3 | ... | Clear. |
| 7 | 29·959 | 0·113 | 70·8 | 64·4 | 82·6 | 61·2 | 144·2 | 57·3 | 0·520 | 68 | 83 | E N E | 20 | ... | Fine. |
| 8 | 29·984 | 0·117 | 73·0 | 66·4 | 83·1 | 63·1 | 148·0 | 59·1 | 0·562 | 69 | 109 | E by N | 23 | ... | Do. |
| 9 | 29·972 | 0·109 | 75·0 | 67·0 | 84·3 | 67·2 | 151·4 | 63·3 | 0·556 | 64 | 99 | E by N | 40 | ... | Fine with passing clouds. |
| 10 | 29·949 | 0·114 | 73·4 | 65·8 | 83·9 | 65·0 | 148·4 | 60·6 | 0·535 | 65 | 92 | E by S | 50 | ... | Passing clouds. |
| 11 | 29·923 | 0·114 | 74·8 | 66·7 | 83·1 | 66·5 | 139·8 | 64·0 | 0·548 | 64 | 107 | SE by E | 23 | ... | Fine. |
| 12 | 29·881 | 0·133 | 75·0 | 68·2 | 84·8 | 65·8 | 141·4 | 61·6 | 0·600 | 69 | 114 | S E | 30 | ... | Fine with passing clouds. |
| 13 | 29·911 | 0·095 | 77·2 | 71·1 | 86·0 | 67·0 | 140·6 | 63·3 | 0·681 | 73 | 112 | SE by E | 23 | ... | Fine. |
| 14 | 29·888 | 0·146 | 78·5 | 73·1 | 87·3 | 71·7 | 139·9 | 68·5 | 0·743 | 76 | 146 | E by S | 30 | ... | Passing clouds. |
| 15 | 29·867 | 0·113 | 78·6 | 72·4 | 86·1 | 71·6 | 143·9 | 68·1 | 0·714 | 73 | 128 | E S E | 43 | ... | Do. |
| 16 | 29·844 | 0·163 | 79·1 | 72·9 | 85·4 | 74·4 | 149·2 | 73·0 | 0·726 | 73 | 172 | S E | 40 | ... | Fine with passing clouds. |
| 17 | 29·831 | 0·158 | 79·6 | 74·0 | 86·9 | 73·3 | 147·3 | 70·7 | 0·766 | 76 | 172 | SE by S | 50 | ... | Passing clouds. |
| 18 | 29·845 | 0·135 | 75·7 | 72·3 | 86·0 | 70·0 | 148·4 | 70·3 | 0·748 | 84 | 126 | E by S | 62 | 2·48 | Cloudy day, fine night : rain. |
| 19 | 29·891 | 0·124 | 78·1 | 72·2 | 86·2 | 73·2 | 147·1 | 70·5 | 0·712 | 74 | 148 | NE by E | 27 | ... | Fine with passing clouds. |
| 20 | 29·953 | 0·123 | 76·1 | 70·6 | 86·1 | 67·0 | 142·3 | 63·2 | 0·676 | 75 | 96 | NE by E | 20 | ... | Do. |
| 21 | 29·983 | 0·158 | 76·1 | 71·2 | 85·1 | 67·3 | 143·4 | 61·7 | 0·699 | 77 | 83 | E by S | 27 | ... | Do. |
| 22 | 29·988 | 0·151 | 78·0 | 71·2 | 84·9 | 72·0 | 142·1 | 68·7 | 0·674 | 70 | 142 | SE by E | 22 | ... | Fine. |
| 23 | 30·006 | 0·137 | 78·3 | 71·6 | 85·5 | 72·0 | 144·9 | 69·0 | 0·686 | 71 | 145 | E by S | 43 | ... | Fine with passing clouds. |
| 24 | 30·020 | 0·154 | 78·9 | 72·1 | 85·2 | 73·2 | 144·5 | 70·2 | 0·698 | 71 | 135 | E by S | 28 | ... | Fine with light clouds. |
| 25 | 29·994 | 0·128 | 77·3 | 70·4 | 84·6 | 69·2 | 142·9 | 65·8 | 0·652 | 69 | 132 | SE by E | 27 | ... | Fine with passing clouds. |
| 26 | 29·950 | 0·162 | 76·5 | 70·7 | 85·6 | 68·3 | 146·5 | 64·3 | 0·673 | 74 | 105 | S E | 20 | ... | Do. |
| 27 | 29·952 | 0·112 | 76·8 | 70·2 | 85·9 | 69·6 | 142·6 | 65·7 | 0·651 | 71 | 103 | E S E | 20 | ... | Fine. |
| 28 | 29·985 | 0·105 | 76·6 | 70·2 | 86·1 | 67·3 | 146·1 | 63·3 | 0·653 | 71 | 95 | E by S | 23 | ... | Fine with passing clouds. |
| 29 | 30·012 | 0·117 | 78·9 | 71·8 | 87·2 | 69·2 | 148·2 | 65·2 | 0·686 | 70 | 122 | E by N | 33 | ... | Do. |
| Mean | 29·947 | 0·130 | 76·3 | 69·7 | 85·0 | 68·6 | 143·8 | 65·4 | 0·641 | 70 | 123 | E by S | 29 | 2·48 | |

## Madras Meteorological Observations. 1880—March.

| March 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·006 | 0·140 | 78·2 | 71·2 | 87·2 | 69·3 | 150·1 | 65·2 | 0·671 | 70 | 113 | E by N | 33 | ... | Fine with passing clouds. |
| 2 | 29·997 | 0·119 | 78·9 | 70·5 | 86·6 | 69·8 | 144·0 | 66·2 | 0·634 | 64 | 115 | East | 30 | ... | Do. |
| 3 | 29·999 | 0·119 | 77·6 | 69·0 | 86·1 | 68·9 | 147·2 | 65·3 | 0·595 | 63 | 149 | E N E | 23 | ... | Do. |
| 4 | 30·003 | 0·141 | 77·8 | 68·0 | 85·6 | 71·9 | 145·2 | 69·7 | 0·555 | 58 | 132 | E N E | 23 | ... | Do. |
| 5 | 30·036 | 0·113 | 77·9 | 70·2 | 87·1 | 68·4 | 148·1 | 69·7 | 0·636 | 66 | 122 | E N E | 30 | ... | Do. |
| 6 | 30·045 | 0·130 | 77·2 | 70·6 | 88·0 | 68·1 | 143·7 | 64·0 | 0·662 | 71 | 138 | N E | 30 | ... | Do. |
| 7 | 30·001 | 0·153 | 77·6 | 71·5 | 87·9 | 68·1 | 143·2 | 64·2 | 0·692 | 74 | 111 | NE by E | 20 | ... | Fine. |
| 8 | 29·950 | 0·161 | 76·1 | 69·4 | 87·3 | 68·0 | 143·7 | 63·8 | 0·630 | 70 | 97 | East | 27 | ... | Fine with passing clouds. |
| 9 | 29·964 | 0·114 | 75·5 | 68·6 | 85·9 | 64·5 | 144·2 | 62·2 | 0·607 | 69 | 90 | E by S | 38 | ... | Fine with light clouds. |
| 10 | 29·975 | 0·152 | 76·0 | 69·0 | 86·2 | 66·0 | 141·4 | 60·8 | 0·616 | 69 | 98 | E by S | 33 | ... | Fine with passing clouds. |
| 11 | 29·970 | 0·148 | 77·9 | 70·5 | 86·8 | 67·6 | 143·0 | 64·0 | 0·647 | 68 | 118 | E by S | 30 | ... | Do. |
| 12 | 29·913 | 0·149 | 78·0 | 70·7 | 88·5 | 69·1 | 149·2 | 65·0 | 0·655 | 69 | 117 | E S E | 40 | ... | Fine with light clouds. |
| 13 | 29·876 | 0·131 | 76·8 | 69·9 | 86·9 | 68·5 | 148·2 | 64·2 | 0·640 | 69 | 126 | SE by E | 33 | ... | Fine with passing clouds. |
| 14 | 29·868 | 0·151 | 77·6 | 69·8 | 87·2 | 68·4 | 142·4 | 64·6 | 0·624 | 66 | 120 | S E | 27 | ... | Do. |
| 15 | 29·861 | 0·166 | 79·4 | 71·3 | 87·9 | 69·4 | 142·2 | 65·7 | 0·660 | 66 | 165 | SE by S | 27 | ... | Do. |
| 16 | 29·840 | 0·204 | 80·6 | 73·4 | 89·3 | 72·7 | 144·9 | 69·5 | 0·727 | 69 | 163 | S E | 30 | ... | Do. |
| 17 | 29·846 | 0·138 | 80·1 | 72·7 | 89·6 | 72·6 | 142·7 | 69·2 | 0·705 | 68 | 172 | S S E | 30 | ... | Do. |
| 18 | 29·850 | 0·148 | 81·5 | 74·5 | 89·8 | 76·1 | 142·9 | 66·1 | 0·761 | 71 | 200 | S S E | 27 | ... | Do. |
| 19 | 29·810 | 0·170 | 82·0 | 74·3 | 90·2 | 74·4 | 143·4 | 71·0 | 0·746 | 68 | 216 | SE by S | 27 | ... | Do. |
| 20 | 29·774 | 0·154 | 82·7 | 75·5 | 90·3 | 77·5 | 146·4 | 76·0 | 0·787 | 70 | 227 | SE by S | 30 | ... | Fine. |
| 21 | 29·762 | 0·148 | 83·3 | 75·8 | 91·4 | 77·0 | 144·2 | 74·9 | 0·787 | 69 | 229 | SE by S | 13 | ... | Fine with passing clouds. |
| 22 | 29·828 | 0·127 | 83·3 | 76·7 | 89·6 | 78·3 | 142·6 | 76·0 | 0·831 | 73 | 230 | SE by S | 23 | ... | Do. |
| 23 | 29·869 | 0·137 | 82·0 | 75·9 | 89·3 | 76·1 | 143·7 | 73·4 | 0·814 | 75 | 193 | S E | 30 | ... | Do. |
| 24 | 29·898 | 0·140 | 81·2 | 74·7 | 88·7 | 74·3 | 143·9 | 70·2 | 0·773 | 73 | 158 | SE by S | 23 | ... | Do. |
| 25 | 29·928 | 0·150 | 81·9 | 74·3 | 91·3 | 72·3 | 145·9 | 68·0 | 0·747 | 69 | 134 | S E | 23 | ... | Do. |
| 26 | 29·907 | 0·191 | 83·0 | 75·7 | 91·5 | 75·7 | 146·4 | 72·5 | 0·792 | 70 | 124 | SE by E | 20 | ... | Fine. |
| 27 | 29·847 | 0·168 | 82·1 | 74·4 | 91·1 | 74·5 | 145·0 | 71·1 | 0·748 | 68 | 145 | SE by S | 17 | ... | Do. |
| 28 | 29·839 | 0·140 | 82·2 | 74·7 | 91·5 | 75·1 | 143·5 | 71·3 | 0·760 | 69 | 194 | S S E | 27 | ... | Fine with passing clouds. |
| 29 | 29·875 | 0·133 | 82·6 | 74·4 | 90·8 | 75·3 | 142·4 | 73·0 | 0·742 | 66 | 209 | S S E | 23 | ... | Do. |
| 30 | 29·825 | 0·159 | 82·2 | 75·2 | 92·3 | 74·5 | 143·4 | 70·5 | 0·781 | 71 | 225 | S S E | 20 | ... | Fine. |
| 31 | 29·813 | 0·097 | 84·0 | 75·7 | 99·9 | 76·8 | 150·6 | 75·1 | 0·778 | 67 | 217 | S by E | 23 | ... | Do. |
| Mean | 29·902 | 0·145 | 79·9 | 72·5 | 89·1 | 71·9 | 144·8 | 68·5 | 0·703 | 69 | 156 | SE by E | 27 | *Nil.* | |

# Madras Meteorological Observations. 1880—April.

| April 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·792 | 0·135 | 83·7 | 77·3 | 92·5 | 78·4 | 141·8 | 76·5 | 0·851 | 73 | 258 | S S E | 13 | ... | Fine. |
| 2 | 29·812 | 0·131 | 84·1 | 77·6 | 91·4 | 80·2 | 142·8 | 78·4 | 0·860 | 74 | 206 | S S E | 27 | ... | Fine with light clouds. |
| 3 | 29·797 | 0·148 | 84·7 | 77·7 | 92·5 | 79·2 | 145·5 | 77·2 | 0·856 | 72 | 161 | SE by E | 30 | ... | Fine with passing clouds. |
| 4 | 29·776 | 0·125 | 86·2 | 77·2 | 92·3 | 78·3 | 146·3 | 75·2 | 0·813 | 65 | 159 | SE by S | 27 | ... | Chiefly fine. |
| 5 | 29·785 | 0·110 | 84·0 | 77·0 | 91·2 | 77·5 | 143·9 | 74·8 | 0·834 | 72 | 170 | SE by E | 23 | ... | Fine. |
| 6 | 29·789 | 0·143 | 84·0 | 76·9 | 92·3 | 77·6 | 150·2 | 75·4 | 0·830 | 72 | 171 | S E | 30 | ... | Fine with passing clouds. |
| 7 | 29·794 | 0·091 | 84·1 | 76·6 | 91·4 | 77·7 | 143·5 | 75·5 | 0·816 | 70 | 164 | SE by E | 30 | ... | Do. |
| 8 | 29·768 | 0·133 | 83·9 | 76·4 | 92·5 | 76·6 | 149·9 | 73·4 | 0·810 | 69 | 155 | SE by E | 27 | ... | Do. |
| 9 | 29·798 | 0·133 | 84·8 | 76·7 | 93·7 | 77·6 | 149·7 | 75·1 | 0·811 | 68 | 142 | SE by E | 30 | ... | Do. |
| 10 | 29·794 | 0·135 | 85·0 | 78·1 | 92·7 | 79·6 | 147·5 | 78·3 | 0·870 | 72 | 227 | SE by S | 40 | ... | Do. |
| 11 | 29·785 | 0·141 | 85·1 | 77·6 | 93·1 | 80·8 | 144·8 | 79·8 | 0·847 | 70 | 267 | S S E | 37 | ... | Do. |
| 12 | 29·759 | 0·169 | 85·9 | 78·8 | 93·7 | 80·6 | 145·9 | 79·4 | 0·891 | 72 | 217 | S by E | 27 | ... | Do. |
| 13 | 29·780 | 0·133 | 84·4 | 78·9 | 91·5 | 80·7 | 146·8 | 79·4 | 0·915 | 77 | 232 | SE by S | 30 | ... | Do. |
| 14 | 29·820 | 0·145 | 84·8 | 78·1 | 92·8 | 79·7 | 143·3 | 79·5 | 0·873 | 74 | 178 | SE by S | 33 | ... | Do. |
| 15 | 29·827 | 0·143 | 84·3 | 76·9 | 92·1 | 77·4 | 143·8 | 74·6 | 0·826 | 70 | 195 | SE by S | 27 | ... | Do. |
| 16 | 29·874 | 0·144 | 83·6 | 76·8 | 91·7 | 76·4 | 143·9 | 74·0 | 0·831 | 72 | 195 | SE by S | 30 | ... | Fine with light clouds. |
| 17 | 29·886 | 0·126 | 84·1 | 77·2 | 91·3 | 78·2 | 143·1 | 75·2 | 0·841 | 72 | 213 | S S E | 27 | ... | Fine with passing clouds. |
| 18 | 29·865 | 0·131 | 84·5 | 76·5 | 93·2 | 77·4 | 147·4 | 75·0 | 0·806 | 68 | 186 | SE by S | 37 | ... | Light passing clouds. |
| 19 | 29·797 | 0·171 | 84·7 | 77·1 | 94·5 | 77·1 | 149·3 | 72·5 | 0·830 | 70 | 225 | S S E | 47 | ... | Fine with passing clouds. |
| 20 | 29·796 | 0·177 | 84·2 | 75·7 | 97·7 | 77·5 | 149·4 | 75·2 | 0·775 | 66 | 194 | S by W | 53 | ... | Passing clouds. |
| 21 | 29·784 | 0·147 | 83·8 | 75·6 | 101·8 | 79·0 | 150·1 | 76·8 | 0·776 | 68 | 132 | South | 47 | ... | Do. |
| 22 | 29·766 | 0·152 | 85·9 | 76·0 | 101·5 | 75·8 | 150·6 | 72·8 | 0·765 | 61 | 154 | South | 23 | ... | Fine with passing clouds. |
| 23 | 29·767 | 0·145 | 87·3 | 78·5 | 95·5 | 80·7 | 144·8 | 76·2 | 0·858 | 65 | 229 | S S E | 43 | ... | Do. |
| 24 | 29·750 | 0·137 | 85·8 | 79·2 | 93·8 | 80·3 | 141·6 | 79·9 | 0·910 | 74 | 208 | S S E | 47 | ... | Do. |
| 25 | 29·754 | 0·146 | 86·6 | 77·0 | 97·3 | 81·0 | 145·4 | 80·1 | 0·800 | 62 | 174 | S S E | 27 | ... | Fine with light clouds. |
| 26 | 29·785 | 0·126 | 85·5 | 78·1 | 93·4 | 79·4 | 142·6 | 79·0 | 0·863 | 70 | 164 | S E | 30 | ... | Fine with passing clouds. |
| 27 | 29·852 | 0·121 | 85·1 | 76·3 | 92·9 | 78·7 | 143·4 | 77·1 | 0·789 | 66 | 147 | S E | 33 | ... | Do. |
| 28 | 29·899 | 0·145 | 84·9 | 76·5 | 94·4 | 77·3 | 145·6 | 75·3 | 0·800 | 66 | 144 | E S E | 30 | ... | Do. |
| 29 | 29·853 | 0·151 | 84·5 | 76·6 | 93·9 | 76·3 | 145·7 | 73·9 | 0·810 | 68 | 129 | SE by E | 27 | ... | Do. |
| 30 | 29·750 | 0·148 | 85·8 | 77·9 | 95·2 | 77·4 | 146·3 | 75·6 | 0·850 | 68 | 185 | S S E | 33 | ... | Fine with light clouds. |
| Mean | 29·802 | 0·139 | 84·8 | 77·2 | 93·8 | 78·5 | 145·8 | 76·4 | 0·834 | 70 | 186 | SE by S | ·32 | *Nil.* | |

## Madras Meteorological Observations. 1880—May.

| May 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Cents | Points | Inches | |
| 1 | 29·688 | 0·134 | 87·4 | 79·4 | 98·8 | 81·0 | 148·8 | 79·8 | 0·897 | 69 | 254 | S by E | 40 | ... | Fine with passing clouds. |
| 2 | 29·720 | 0·140 | 88·4 | 76·9 | 105·5 | 80·2 | 154·4 | 77·8 | 0·771 | 57 | 211 | S by E | 37 | ... | Do. |
| 3 | 29·749 | 0·124 | 87·6 | 77·7 | 96·3 | 81·3 | 144·8 | 80·2 | 0·817 | 62 | 252 | South | 47 | ... | Fine day : cloudy night. |
| 4 | 29·725 | 0·170 | 87·8 | 78·9 | 101·5 | 82·5 | 151·6 | 81·8 | 0·869 | 66 | 297 | South | 33 | ... | Fine with passing clouds. |
| 5 | 29·733 | 0·113 | 87·2 | 77·8 | 94·8 | 83·2 | 139·1 | 82·6 | 0·827 | 64 | 312 | S by E | 53 | ... | Hazy. |
| 6 | 29·756 | 0·127 | 86·1 | 77·3 | 93·9 | 80·8 | 145·8 | 79·7 | 0·819 | 65 | 279 | S by E | 40 | ... | Fine with light clouds. |
| 7 | 29·789 | 0·124 | 87·5 | 78·6 | 97·1 | 82·5 | 145·8 | 81·8 | 0·859 | 66 | 352 | S by E | 30 | ... | Fine with passing clouds. |
| 8 | 29·780 | 0·118 | 86·5 | 79·2 | 92·7 | 81·5 | 142·6 | 80·8 | 0·901 | 72 | 259 | S S E | 47 | ... | Fine day : cloudy night. |
| 9 | 29·810 | 0·107 | 86·0 | 76·6 | 96·0 | 78·4 | 151·9 | 77·8 | 0·790 | 63 | 209 | S by E | 53 | ... | Light passing clouds. |
| 10 | 29·775 | 0·144 | 86·2 | 78·2 | 94·5 | 80·5 | 148·8 | 79·3 | 0·858 | 68 | 242 | SE by S | 30 | ... | Fine with passing clouds. |
| 11 | 29·736 | 0·140 | 86·9 | 78·9 | 94·2 | 80·5 | 142·8 | 79·8 | 0·881 | 69 | 256 | S by E | 20 | ... | Fine. |
| 12 | 29·731 | 0·076 | 86·6 | 77·2 | 100·6 | 78·0 | 148·8 | 76·4 | 0·808 | 63 | 191 | S by E | 40 | ... | Hazy. |
| 13 | 29·716 | 0·145 | 87·2 | 79·1 | 94·8 | 80·2 | 142·6 | 77·8 | 0·887 | 69 | 195 | S E | 37 | ... | Fine with passing clouds. |
| 14 | 29·707 | 0·081 | 88·0 | 76·6 | 100·5 | 79·5 | 150·6 | 77·8 | 0·763 | 57 | 176 | S S E | 30 | ... | Hazy. |
| 15 | 29·715 | 0·095 | 86·4 | 78·2 | 96·7 | 80·5 | 143·8 | 76·9 | 0·855 | 67 | 135 | S E | 60 | ... | Do. |
| 16 | 29·746 | 0·103 | 85·7 | 78·9 | 94·9 | 79·6 | 143·8 | 77·8 | 0·896 | 74 | 131 | S E | 53 | ... | Light passing clouds. |
| 17 | 29·738 | 0·139 | 87·2 | 79·4 | 96·0 | 79·2 | 143·7 | 76·1 | 0·900 | 69 | 152 | SE by E | 43 | ... | Do. |
| 18 | 29·724 | 0·129 | 86·8 | 77·6 | 98·0 | 78·3 | 149·0 | 76·0 | 0·824 | 64 | 168 | S by E | 47 | ... | Do. |
| 19 | 29·680 | 0·135 | 88·9 | 79·3 | 108·1 | 82·2 | 159·2 | 81·0 | 0·873 | 64 | 225 | South | 40 | ... | Do. |
| 20 | 29·681 | 0·118 | 88·9 | 76·6 | 104·1 | 80·5 | 150·5 | 79·0 | 0·751 | 55 | 185 | S S W | 37 | ... | Fine with light clouds. |
| 21 | 29·705 | 0·088 | 88·3 | 75·8 | 102·8 | 81·9 | 153·9 | 81·3 | 0·724 | 53 | 238 | SW by S | 60 | ... | Cloudy. |
| 22 | 29·703 | 0·098 | 88·4 | 76·1 | 103·0 | 78·6 | 151·1 | 77·8 | 0·736 | 56 | 229 | S by W | 57 | ... | Passing clouds. |
| 23 | 29·722 | 0·122 | 88·1 | 75·9 | 97·8 | 80·8 | 145·9 | 79·1 | 0·731 | 56 | 250 | S by W | 47 | ... | Do. |
| 24 | 29·710 | 0·090 | 86·8 | 77·7 | 95·9 | 81·6 | 142·5 | 79·4 | 0·828 | 65 | 218 | S by E | 63 | ... | Hazy. |
| 25 | 29·715 | 0·129 | 88·5 | 78·8 | 98·7 | 82·4 | 147·7 | 80·3 | 0·855 | 63 | 233 | South | 33 | ... | Fine with light clouds. |
| 26 | 29·667 | 0·105 | 88·4 | 78·0 | 98·8 | 82·2 | 145·8 | 80·3 | 0·819 | 62 | 237 | S by E | 47 | ... | Fine with light clouds : th. |
| 27 | 29·672 | 0·112 | 87·6 | 77·1 | 100·3 | 81·3 | 148·1 | 80·4 | 0·790 | 60 | 197 | S by W | 43 | ... | Fine with passing clouds : lg. N. W. |
| 28 | 29·646 | 0·095 | 88·1 | 78·3 | 102·6 | 82·6 | 143·0 | 81·8 | 0·838 | 64 | 182 | South | 37 | ... | Fine with passing clouds. |
| 29 | 29·605 | 0·119 | 88·7 | 77·0 | 102·1 | 80·7 | 149·3 | 79·0 | 0·770 | 57 | 237 | South | 23 | ... | Fine. |
| 30 | 29·570 | 0·142 | 89·1 | 77·4 | 107·9 | 82·8 | 151·7 | 82·2 | 0·783 | 58 | 267 | S by W | 60 | ... | Passing clouds. |
| 31 | 29·552 | 0·126 | 89·6 | 77·0 | 105·1 | 83·6 | 146·7 | 82·8 | 0·759 | 55 | 261 | S by W | 50 | ... | Do. |
| Mean | 29·709 | 0·119 | 87·6 | 77·8 | 99·2 | 80·9 | 147·6 | 79·5 | 0·822 | 63 | 227 | S by E | 43 | *Nil.* | |

## Madras Meteorological Observations. 1880—June.

| June 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·554 | 0·121 | 88·9 | 77·4 | 93·6 | 84·5 | 147·5 | 79·4 | 0·786 | 57 | 211 | S S W | 63 | ... | Passing clouds. |
| 2 | 29·555 | 0·107 | 88·3 | 75·5 | 94·3 | 83·3 | 148·0 | 82·1 | 0·711 | 53 | 275 | S S W | 47 | ... | Do. |
| 3 | 29·581 | 0·104 | 88·6 | 75·1 | 95·9 | 83·5 | 146·3 | 82·8 | 0·690 | 51 | 257 | SW by S | 70 | ... | Cloudy. |
| 4 | 29·640 | 0·119 | 93·6 | 74·7 | 94·3 | 84·1 | 150·7 | 83·0 | 0·606 | 38 | 319 | W S W | 40 | ... | Fine with passing clouds. |
| 5 | 29·673 | 0·124 | 88·9 | 74·5 | 94·2 | 83·4 | 153·9 | 83·1 | 0·661 | 48 | 347 | S W | 50 | ... | Passing clouds. |
| 6 | 29·727 | 0·129 | 89·6 | 76·1 | 96·6 | 85·2 | 149·0 | 84·8 | 0·719 | 51 | 261 | SW by S | 40 | ... | Fine with passing clouds. |
| 7 | 29·743 | 0·152 | 89·5 | 76·0 | 93·1 | 82·0 | 127·5 | 80·8 | 0·716 | 51 | 174 | W S W | 57 | ... | Cloudy. |
| 8 | 29·705 | 0·121 | 87·5 | 75·2 | 91·8 | 81·5 | 134·8 | 81·4 | 0·709 | 54 | 150 | S S W | 87 | ... | Do. |
| 9 | 29·674 | 0·148 | 88·9 | 77·3 | 95·3 | 84·3 | 157·8 | 83·7 | 0·782 | 57 | 251 | S by W | 40 | 0·07 | Fine with passing clouds. |
| 10 | 29·667 | 0·105 | 86·8 | 74·4 | 91·1 | 83·3 | 144·4 | 81·4 | 0·685 | 53 | 216 | S S W | 70 | ... | Cloudy. |
| 11 | 29·692 | 0·071 | 86·7 | 72·6 | 90·5 | 83·3 | 118·5 | 81·0 | 0·614 | 48 | 181 | S S W | 100 | ... | Overcast. |
| 12 | 29·698 | 0·093 | 83·9 | 74·2 | 89·0 | 79·5 | 131·5 | 78·8 | 0·716 | 61 | 157 | SW by S | 100 | 0·45 | Overcast: rain. |
| 13 | 29·668 | 0·134 | 83·9 | 75·6 | 86·9 | 74·3 | 144·7 | 73·8 | 0·775 | 68 | 200 | S S W | 63 | 0·04 | Passing clouds. |
| 14 | 29·655 | 0·131 | 86·2 | 75·4 | 93·3 | 80·0 | 154·0 | 79·1 | 0·736 | 58 | 237 | S S W | 70 | ... | Cloudy. |
| 15 | 29·670 | 0·111 | 86·1 | 75·7 | 94·0 | 82·2 | 157·4 | 81·7 | 0·749 | 59 | 215 | S S W | 73 | 0·02 | Do. |
| 16 | 29·675 | 0·134 | 87·4 | 76·5 | 105·2 | 80·2 | 151·4 | 79·1 | 0·766 | 59 | 173 | S by W | 63 | ... | Passing clouds. |
| 17 | 29·703 | 0·128 | 88·5 | 74·9 | 101·9 | 82·2 | 150·7 | 81·3 | 0·683 | 51 | 237 | South | 53 | ... | Do. |
| 18 | 29·726 | 0·106 | 87·5 | 75·6 | 100·6 | 81·9 | 148·1 | 81·0 | 0·726 | 56 | 210 | S by W | 47 | ... | Do. |
| 19 | 29·728 | 0·128 | 87·6 | 74·4 | 102·0 | 79·4 | 145·9 | 78·7 | 0·674 | 52 | 215 | SW by S | 50 | ... | Do. |
| 20 | 29·733 | 0·138 | 87·3 | 75·9 | 104·8 | 79·3 | 143·9 | 77·9 | 0·742 | 57 | 219 | S S W | 67 | ... | Cloudy. |
| 21 | 29·725 | 0·104 | 86·5 | 74·9 | 101·5 | 79·3 | 149·5 | 78·8 | 0·710 | 57 | 165 | S S W | 53 | ... | Light passing clouds. |
| 22 | 29·709 | 0·119 | 86·0 | 75·6 | 101·9 | 78·7 | 159·5 | 76·4 | 0·746 | 60 | 141 | W S W | 63 | 0·02 | Cloudy. |
| 23 | 29·748 | 0·089 | 79·1 | 74·9 | 84·0 | 78·2 | 105·0 | 73·8 | 0·810 | 82 | 107 | W by S | 100 | 0·32 | Overcast: rain. |
| 24 | 29·714 | 0·129 | 84·9 | 75·0 | 95·0 | 76·5 | 145·2 | 74·7 | 0·736 | 61 | 116 | W S W | 73 | 0·05 | Cloudy. |
| 25 | 29·707 | 0·103 | 86·6 | 72·3 | 98·2 | 80·0 | 143·9 | 78·8 | 0·602 | 47 | 171 | W by S | 70 | 0·02 | Do. |
| 26 | 29·721 | 0·112 | 85·7 | 74·0 | 97·3 | 78·3 | 145·5 | 77·1 | 0·710 | 55 | 127 | W S W | 87 | 0·02 | Do. |
| 27 | 29·715 | 0·135 | 88·5 | 72·6 | 101·0 | 80·3 | 151·3 | 79·0 | 0·588 | 44 | 159 | W by S | 97 | 0·03 | Overcast. |
| 28 | 29·717 | 0·144 | 87·0 | 73·3 | 98·7 | 80·3 | 141·7 | 76·3 | 0·636 | 50 | 170 | W S W | 100 | ... | Cloudy. |
| 29 | 29·686 | 0·142 | 87·4 | 73·1 | 99·9 | 80·3 | 142·8 | 78·1 | 0·623 | 48 | 159 | SW by W | 67 | 0·07 | Passing clouds. |
| 30 | 29·690 | 0·125 | 86·0 | 73·5 | 98·0 | 78·3 | 150·7 | 77·0 | 0·659 | 53 | 212 | West | 80 | ... | Cloudy. |
| Mean | 29·686 | 0·120 | 87·4 | 74·9 | 96·1 | 80·9 | 144·7 | 79·5 | 0·702 | 55 | 201 | S W | 68 | 1·11 | |

# Madras Meteorological Observations. 1880—July.

| July 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·743 | 0·129 | 85·4 | 73·0 | 99·1 | 80·9 | 150·7 | 79·6 | 0·646 | 53 | 212 | W by S | 80 | 0·03 | Cloudy. |
| 2 | 29·729 | 0·142 | 85·5 | 73·6 | 102·2 | 78·6 | 150·8 | 76·1 | 0·669 | 55 | 210 | S W | 60 | ... | Do. |
| 3 | 29·758 | 0·148 | 86·1 | 74·4 | 101·4 | 79·4 | 140·7 | 77·8 | 0·694 | 55 | 190 | SW by S | 57 | 0·53 | Passing clouds : rain. |
| 4 | 29·784 | 0·098 | 79·8 | 74·4 | 88·1 | 73·6 | 128·0 | 72·8 | 0·779 | 76 | 125 | S S W | 97 | 0·41 | Cloudy : rain. |
| 5 | 29·791 | 0·117 | 81·1 | 74·0 | 88·4 | 73·4 | 122·7 | 74·2 | 0·746 | 71 | 165 | SW by W | 90 | ... | Cloudy. |
| 6 | 29·781 | 0·112 | 81·1 | 73·3 | 94·9 | 77·2 | 148·7 | 75·6 | 0·716 | 67 | 186 | SW by W | 67 | 0·05 | Do. |
| 7 | 29·748 | 0·159 | 83·4 | 72·8 | 97·3 | 75·6 | 145·0 | 73·1 | 0·666 | 59 | 161 | SW by W | 73 | 0·03 | Cloudy : lg. S. |
| 8 | 29·722 | 0·148 | 85·6 | 72·4 | 97·0 | 78·6 | 142·7 | 77·1 | 0·618 | 51 | 201 | W S W | 90 | ... | Cloudy : lg. W. |
| 9 | 29·726 | 0·143 | 85·8 | 72·9 | 97·0 | 80·2 | 139·3 | 77·6 | 0·636 | 51 | 213 | W S W | 77 | 0·01 | Cloudy : lg. S. |
| 10 | 29·717 | 0·141 | 87·3 | 72·2 | 97·8 | 78·0 | 153·7 | 76·8 | 0·588 | 44 | 241 | W by S | 63 | ... | Cloudy. |
| 11 | 29·740 | 0·120 | 87·7 | 74·1 | 101·3 | 81·2 | 152·5 | 78·8 | 0·661 | 50 | 238 | SW by W | 50 | ... | Passsing clouds. |
| 12 | 29·733 | 0·171 | 87·2 | 73·6 | 101·0 | 79·8 | 152·4 | 78·7 | 0·647 | 49 | 232 | SW by W | 73 | 0·07 | Do. |
| 13 | 29·645 | 0·180 | 87·8 | 73·5 | 101·4 | 80·4 | 152·8 | 78·7 | 0·634 | 47 | 231 | W by S | 63 | 0·06 | Do. |
| 14 | 29·605 | 0·102 | 87·0 | 72·4 | 97·2 | 79·2 | 143·5 | 77·6 | 0·601 | 47 | 250 | West | 90 | 0·04 | Cloudy. |
| 15 | 29·643 | 0·112 | 88·7 | 70·7 | 100·5 | 81·0 | 149·3 | 79·9 | 0·511 | 38 | 284 | West | 97 | ... | Hazy. |
| 16 | 29·687 | 0·118 | 87·7 | 73·2 | 101·2 | 80·8 | 146·6 | 79·0 | 0·623 | 47 | 247 | SW by W | 63 | ... | Do. |
| 17 | 29·699 | 0·155 | 86·1 | 74·7 | 101·7 | 80·7 | 149·4 | 79·6 | 0·707 | 57 | 198 | S S W | 50 | ... | Passing clouds. |
| 18 | 29·709 | 0·123 | 88·8 | 77·4 | 101·9 | 79·3 | 152·6 | 77·6 | 0·787 | 57 | 199 | S S W | 43 | ... | Do. |
| 19 | 29·735 | 0·138 | 84·0 | 75·6 | 98·6 | 77·2 | 151·6 | 75·5 | 0·773 | 66 | 200 | SW by W | 63 | 1·94 | Thunderstorm at 5½ P.M. |
| 20 | 29·787 | 0·121 | 82·6 | 74·6 | 90·5 | 76·2 | 141·6 | 73·6 | 0·750 | 67 | 164 | S W | 77 | 0·07 | Cloudy. |
| 21 | 29·766 | 0·133 | 84·6 | 73·8 | 94·5 | 78·4 | 149·4 | 76·5 | 0·680 | 59 | 205 | W by N | 87 | 0·01 | Do. |
| 22 | 29·739 | 0·103 | 82·0 | 72·3 | 89·4 | 77·6 | 119·9 | 77·6 | 0·664 | 61 | 190 | West | 100 | 0·01 | Overcast. |
| 23 | 29·714 | 0·117 | 81·2 | 73·4 | 89·0 | 74·3 | 119·6 | 72·5 | 0·719 | 67 | 149 | NW by W | 83 | 0·15 | Chiefly cloudy : rain. |
| 24 | 29·719 | 0·142 | 85·4 | 74·0 | 97·1 | 76·9 | 152·4 | 74·8 | 0·687 | 56 | 198 | SW by W | 67 | ... | Cloudy. |
| 25 | 29·762 | 0·127 | 87·0 | 75·3 | 101·1 | 79·4 | 153·4 | 76·4 | 0·720 | 57 | 237 | SW by W | 63 | 0·01 | Passiug clouds. |
| 26 | 29·799 | 0·073 | 84·2 | 77·1 | 99·8 | 79·1 | 153·2 | 77·4 | 0·836 | 72 | 225 | S W | 67 | 0·08 | Do. |
| 27 | 29·770 | 0·096 | 81·4 | 76·2 | 91·2 | 74·8 | 138·4 | 73·4 | 0·835 | 77 | 175 | W S W | 97 | 0·91 | Cloudy : rain. |
| 28 | 29·782 | 0·141 | 83·9 | 75·5 | 93·3 | 77·3 | 140·6 | 75·6 | 0·771 | 66 | 169 | W S W | 60 | ... | Passing clouds. |
| 29 | 29·759 | 0·117 | 82·7 | 73·0 | 96·7 | 75·9 | 145·9 | 72·9 | 0·682 | 60 | 174 | Variable | 70 | 0·08 | Cloudy. |
| 30 | 29·745 | 0·089 | 85·1 | 73·3 | 95·3 | 78·6 | 141·6 | 77·2 | 0·662 | 55 | 206 | S W | 60 | ... | Do. |
| 31 | 29·713 | 0·136 | 86·1 | 73·7 | 97·8 | 79·3 | 145·8 | 77·2 | 0·665 | 53 | 176 | S W by S | 60 | ... | Passiug clouds. |
| Mean | 29·734 | 0·127 | 84·9 | 73·9 | 96·9 | 78·2 | 144·6 | 76·5 | 0·690 | 58 | 202 | SW by W | 72 | 4·49 | |

# Madras Meteorological Observations. 1880—August.

| August 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·708 | 0·126 | 87·1 | 73·8 | 99·3 | 80·5 | 154·5 | 80·1 | 0·656 | 50 | 244 | W by S | 63 | ... | Cloudy. |
| 2 | 29·695 | 0·138 | 87·7 | 73·1 | 100·7 | 80·3 | 152·9 | 79·1 | 0·620 | 46 | 244 | W S W | 67 | ... | Passing clouds. |
| 3 | 29·652 | 0·144 | 86·9 | 74·2 | 101·8 | 80·4 | 151·5 | 79·7 | 0·676 | 52 | 259 | W S W | 63 | 0·14 | Passing clouds : rain. |
| 4 | 29·645 | 0·175 | 85·4 | 75·2 | 101·8 | 79·1 | 153·3 | 77·8 | 0·738 | 60 | 252 | S W | 70 | 0·02 | Cloudy. |
| 5 | 29·647 | 0·179 | 90·1 | 75·0 | 102·0 | 81·8 | 156·7 | 80·2 | 0·666 | 46 | 277 | SW by W | 60 | ... | Passing clouds. |
| 6 | 29·661 | 0·129 | 84·7 | 74·4 | 97·2 | 82·8 | 142·7 | 82·6 | 0·714 | 60 | 236 | SW by W | 73 | 0·01 | Cloudy : th. |
| 7 | 29·712 | 0·144 | 83·7 | 73·9 | 95·8 | 78·9 | 150·9 | 77·7 | 0·706 | 60 | 178 | SW by S | 72 | 1·67 | Cloudy with rain. |
| 8 | 29·733 | 0·127 | 83·9 | 75·1 | 95·6 | 75·2 | 152·3 | 73·8 | 0·754 | 64 | 150 | South | 73 | 0·27 | Do. |
| 9 | 29·752 | 0·119 | 84·3 | 75·1 | 92·7 | 77·9 | 149·6 | 76·5 | 0·748 | 62 | 139 | SE by S | 63 | ... | Light clouds. |
| 10 | 29·753 | 0·098 | 84·8 | 76·0 | 96·0 | 76·8 | 149·5 | 75·8 | 0·780 | 65 | 181 | South | 53 | ... | Light passing clouds. |
| 11 | 29·744 | 0·126 | 85·4 | 75·3 | 97·3 | 77·5 | 147·6 | 75·9 | 0·743 | 60 | 165 | Variable | 30 | ... | Fine with passing clouds. |
| 12 | 29·772 | 0·147 | 83·8 | 76·3 | 94·4 | 77·7 | 151·7 | 77·0 | 0·807 | 69 | 153 | South | 83 | ... | Cloudy : lg. S. |
| 13 | 29·764 | 0·130 | 82·6 | 76·0 | 93·3 | 74·6 | 145·1 | 73·1 | 0·810 | 72 | 120 | W S W | 77 | 0·08 | Cloudy. |
| 14 | 29·793 | 0·120 | 81·4 | 76·3 | 89·9 | 77·0 | 145·6 | 75·9 | 0·839 | 77 | 63 | S S E | 67 | 0·19 | Do. |
| 15 | 29·791 | 0·125 | 78·9 | 74·2 | 88·9 | 76·4 | 140·3 | 74·9 | 0·784 | 79 | 136 | South | 90 | 1·65 | Cloudy : thunderstorm at 8 P.M. |
| 16 | 29·816 | 0·104 | 80·3 | 75·1 | 85·9 | 73·7 | 124·7 | 73·1 | 0·802 | 77 | 61 | S W | 100 | 0·02 | Overcast. |
| 17 | 29·785 | 0·100 | 81·6 | 72·6 | 90·1 | 76·8 | 138·1 | 75·4 | 0·681 | 63 | 131 | West | 100 | 0·15 | Do. |
| 18 | 29·760 | 0·118 | 81·8 | 73·2 | 95·6 | 73·7 | 142·8 | 72·6 | 0·703 | 65 | 118 | N W | 93 | 0·09 | Cloudy. |
| 19 | 29·753 | 0·170 | 84·4 | 72·9 | 96·5 | 77·0 | 147·0 | 74·9 | 0·655 | 56 | 171 | S W | 60 | ... | Light passing clouds, |
| 20 | 29·788 | 0·113 | 84·1 | 73·6 | 96·2 | 78·2 | 149·1 | 76·7 | 0·688 | 59 | 165 | South | 57 | ... | Do. |
| 21 | 29·794 | 0·101 | 84·4 | 72·6 | 97·8 | 78·5 | 148·9 | 76·7 | 0·643 | 55 | 135 | W by S | 80 | ... | Cloudy. |
| 22 | 29·783 | 0·118 | 83·6 | 74·6 | 99·6 | 77·5 | 151·5 | 75·3 | 0·737 | 64 | 156 | S by W | 38 | ... | Passing clouds |
| 23 | 29·762 | 0·137 | 85·0 | 76·5 | 97·4 | 78·9 | 152·8 | 77·1 | 0·799 | 65 | 152 | South | 47 | ... | Light passing clouds. |
| 24 | 29·767 | 0·133 | 85·6 | 76·4 | 96·4 | 78·5 | 153·2 | 77·5 | 0·787 | 64 | 191 | South | 33 | ... | Fine with passing clouds. |
| 25 | 29·776 | 0·136 | 84·8 | 77·2 | 92·9 | 79·8 | 144·3 | 79·1 | 0·833 | 70 | 177 | South | 47 | ... | Cloudy day : fine night. |
| 26 | 29·797 | 0·136 | 80·8 | 74·6 | 92·3 | 76·1 | 133·9 | 75·9 | 0·774 | 74 | 107 | W S W | 87 | ... | Cloudy : th. |
| 27 | 29·790 | 0·134 | 81·3 | 75·5 | 85·6 | 76·2 | 112·3 | 74·0 | 0·806 | 74 | 75 | W S W | 100 | 0·12 | Overcast : rain. |
| 28 | 29·759 | 0·144 | 81·8 | 74·8 | 91·8 | 76·2 | 143·8 | 73·6 | 0·769 | 69 | 124 | W N W | 93 | 0·07 | Cloudy. |
| 29 | 29·743 | 0·135 | 78·3 | 74·3 | 86·2 | 71·9 | 120·8 | 71·2 | 0·796 | 82 | 123 | NW by W | 93 | 0·21 | Cloudy : rain. |
| 30 | 29·724 | 0·144 | 80·5 | 75·2 | 89·9 | 75·2 | 150·9 | 74·0 | 0·804 | 76 | 52 | NW by N | 57 | 0·21 | Cloudy day : fine night : rain. |
| 31 | 29·725 | 0·151 | 82·9 | 77·0 | 94·7 | 76·7 | 153·9 | 75·1 | 0·849 | 75 | 131 | South | 50 | ... | Passing clouds. |
| Mean | 29·747 | 0·132 | 83·6 | 74·8 | 94·7 | 77·5 | 145·6 | 76·2 | 0·747 | 65 | 157 | SW by S | 69 | 4·90 | |

# Madras Meteorological Observations. 1880—September.

| September 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·738 | 0·144 | 80·7 | 75·8 | 94·6 | 76·7 | 151·0 | 76·0 | 0·826 | 78 | 122 | SW by S | 77 | 0·13 | Cloudy : th. lg. and rain. |
| 2 | 29·736 | 0·158 | 77·5 | 74·6 | 83·5 | 70·6 | 120·0 | 69·9 | 0·819 | 86 | 92 | West | 100 | 2·94 | Overcast : thunderstorm at 5 A.M. |
| 3 | 29·740 | 0·118 | 83·3 | 75·6 | 91·5 | 76·7 | 140·9 | 77·2 | 0·783 | 69 | 121 | SW by W | 70 | ... | Cloudy. |
| 4 | 29·778 | 0·104 | 83·9 | 77·6 | 94·7 | 78·4 | 149·9 | 77·1 | 0·864 | 74 | 131 | S S W | 53 | ... | Passing clouds. |
| 5 | 29·791 | 0·096 | 79·5 | 75·7 | 92·0 | 77·6 | 148·4 | 76·0 | 0·838 | 82 | 123 | S W | 80 | 0·69 | Cloudy : thunderstorm about 8½ P.M. |
| 6 | 29·805 | 0·102 | 79·9 | 75·1 | 87·1 | 74·3 | 124·2 | 72·7 | 0·808 | 78 | 117 | W S W | 97 | 0·18 | Cloudy. |
| 7 | 29·819 | 0·083 | 82·4 | 73·9 | 93·3 | 74·8 | 145·1 | 72·9 | 0·723 | 65 | 115 | S W | 80 | ... | Do. |
| 8 | 29·845 | 0·090 | 78·4 | 73·4 | 84·6 | 75·1 | 110·9 | 72·6 | 0·757 | 78 | 122 | W N W | 97 | 0·12 | Overcast. |
| 9 | 29·867 | 0·070 | 74·4 | 72·7 | 75·4 | 74·5 | 84·0 | 73·6 | 0·782 | 92 | 80 | W by N | 100 | 3·62 | Overcast : heavy thunderstorm. |
| 10 | 29·806 | 0·115 | 75·0 | 73·1 | 76·3 | 73·0 | 80·3 | 71·2 | 0·790 | 92 | 40 | N W | 100 | 0·57 | Overcast : th. lg. and rain. |
| 11 | 29·707 | 0·139 | 80·4 | 76·0 | 91·3 | 73·2 | 145·1 | 70·7 | 0·839 | 81 | 97 | W N W | 80 | 0·21 | Cloudy : rain : th. S. |
| 12 | 29·691 | 0·130 | 80·1 | 74·8 | 93·4 | 75·5 | 140·4 | 74·0 | 0·792 | 77 | 174 | SW by W | 63 | 0·10 | Cloudy : rain. |
| 13 | 29·757 | 0·106 | 82·0 | 75·6 | 91·2 | 75·4 | 139·0 | 74·0 | 0·800 | 74 | 153 | SW by W | 80 | 0·06 | Cloudy. |
| 14 | 29·763 | 0·152 | 84·1 | 75·3 | 91·9 | 77·9 | 140·7 | 75·6 | 0·760 | 64 | 161 | W S W | 90 | ... | Do. |
| 15 | 29·746 | 0·168 | 84·2 | 76·0 | 93·5 | 77·4 | 147·4 | 74·0 | 0·788 | 67 | 224 | W S W | 63 | ... | Passing clouds. |
| 16 | 29·735 | 0·147 | 82·3 | 75·2 | 92·4 | 76·8 | 117·3 | 74·4 | 0·780 | 71 | 214 | S W | 50 | ... | Do. |
| 17 | 29·777 | 0·141 | 84·0 | 77·0 | 93·9 | 76·7 | 148·3 | 74·7 | 0·834 | 72 | 201 | S W | 47 | ... | Fine with passing clouds. |
| 18 | 29·760 | 0·159 | 85·5 | 76·2 | 97·0 | 76·7 | 146·0 | 74·7 | 0·779 | 62 | 188 | S W | 53 | ... | Passing clouds. |
| 19 | 29·740 | 0·162 | 84·2 | 76·7 | 95·5 | 78·6 | 151·3 | 77·5 | 0·819 | 70 | 172 | SW by W | 70 | ... | Cloudy. |
| 20 | 29·747 | 0·119 | 84·5 | 73·5 | 95·0 | 78·4 | 163·6 | 76·9 | 0·679 | 58 | 157 | W N W | 77 | ... | Do. |
| 21 | 29·764 | 0·118 | 84·8 | 76·9 | 100·0 | 78·5 | 149·5 | 75·7 | 0·819 | 68 | 119 | SW by W | 67 | 0·01 | Passing clouds. |
| 22 | 29·794 | 0·111 | 84·6 | 73·3 | 96·6 | 76·0 | 148·0 | 73·9 | 0·669 | 56 | 154 | W S W | 53 | ... | Fine with passing clouds. |
| 23 | 29·781 | 0·146 | 86·5 | 74·7 | 99·4 | 77·6 | 151·7 | 74·0 | 0·702 | 56 | 190 | S W | 33 | ... | Fine with light clouds. |
| 24 | 29·776 | 0·146 | 87·2 | 73·9 | 99·0 | 80·1 | 150·3 | 78·6 | 0·659 | 51 | 191 | SW by W | 47 | ... | Passing clouds. |
| 25 | 29·771 | 0·145 | 84·2 | 74·9 | 98·0 | 77·6 | 158·3 | 76·2 | 0·741 | 63 | 175 | S W | 57 | ... | Do. |
| 26 | 29·783 | 0·122 | 84·4 | 75·4 | 97·4 | 78·2 | 152·5 | 75·7 | 0·760 | 64 | 154 | South | 57 | ... | Do. |
| 27 | 29·809 | 0·143 | 83·4 | 74·9 | 97·8 | 77·2 | 153·3 | 75·3 | 0·752 | 66 | 152 | S S W | 70 | 0·01 | Do. |
| 28 | 29·819 | 0·156 | 85·2 | 75·3 | 97·4 | 78·5 | 154·6 | 76·0 | 0·745 | 61 | 127 | South | 60 | 0·01 | Do. |
| 29 | 29·812 | 0·167 | 82·9 | 76·1 | 93·6 | 74·0 | 159·0 | 71·9 | 0·810 | 72 | 148 | South | 63 | 0·07 | Do. |
| 30 | 29·805 | 0·140 | 82·7 | 77·0 | 90·0 | 77·9 | 132·3 | 75·7 | 0·851 | 76 | 73 | S by E | 60 | 0·10 | Passing clouds : lg. W. |
| Mean | 29·775 | 0·130 | 82·4 | 75·2 | 02·6 | 76·5 | 140·1 | 74·6 | 0·779 | 71 | 143 | SW by W | 68 | 8·82 | |

# Madras Meteorological Observations. 1880—October.

| October 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·842 | 0·090 | 78·6 | 74·9 | 85·5 | 75·3 | 134·5 | 74·1 | 0·817 | 83 | 85 | S W | 87 | 0·49 | Cloudy : th. and lg. : rain. |
| 2 | 29·888 | 0·136 | 81·6 | 76·3 | 88·3 | 76·3 | 149·3 | 74·3 | 0·836 | 77 | 86 | S by E | 40 | ... | Fine with passing clouds. |
| 3 | 29·893 | 0·168 | 81·2 | 75·8 | 88·0 | 76·3 | 145·5 | 74·2 | 0·820 | 77 | 88 | S S E | 63 | 0·08 | Passing clouds. |
| 4 | 29·904 | 0·150 | 82·1 | 76·5 | 88·4 | 77·1 | 146·2 | 73·8 | 0·839 | 77 | 102 | SE by S | 40 | 0·12 | Cloudy day : fine night. |
| 5 | 29·910 | 0·144 | 80·7 | 75·5 | 89·7 | 74·4 | 145·7 | 71·0 | 0·814 | 77 | 75 | S S E | 27 | ... | Fine with light clouds. |
| 6 | 29·882 | 0·154 | 80·7 | 74·7 | 90·4 | 74·4 | 148·5 | 71·1 | 0·780 | 74 | 87 | S S E | 20 | ... | Fine |
| 7 | 29·885 | 0·133 | 81·9 | 75·3 | 90·5 | 74·3 | 148·0 | 70·5 | 0·790 | 73 | 74 | SE by S | 23 | ... | Fine with passing clouds. |
| 8 | 29·896 | 0·141 | 82·6 | 75·3 | 92·4 | 74·4 | 155·7 | 70·6 | 0·780 | 70 | 90 | E by S | 20 | ... | Do. |
| 9 | 29·878 | 0·112 | 81·9 | 75·2 | 90·8 | 74·2 | 144·3 | 70·4 | 0·785 | 72 | 85 | E by N | 13 | ... | Fine. |
| 10 | 29·829 | 0·131 | 81·6 | 75·2 | 92·6 | 75·7 | 145·3 | 72·8 | 0·789 | 73 | 97 | N E | 70 | ... | Hazy. |
| 11 | 29·846 | 0·107 | 81·0 | 76·7 | 93·6 | 76·7 | 150·8 | 74·3 | 0·862 | 82 | 95 | N N E | 80 | 0·26 | Cloudy : th. lg. and rain. |
| 12 | 29·810 | 0·153 | 81·2 | 76·5 | 91·9 | 76·3 | 154·3 | 73·7 | 0·851 | 80 | 80 | N N E | 100 | ... | Hazy. |
| 13 | 29·763 | 0·155 | 83·9 | 77·5 | 95·2 | 77·6 | 143·8 | 75·6 | 0·858 | 74 | 101 | North | 57 | ... | Passing clouds. |
| 14 | 29·742 | 0·123 | 82·2 | 75·6 | 97·4 | 76·0 | 153·3 | 74·0 | 0·798 | 73 | 99 | N N W | 80 | 0·31 | Cloudy : rain. |
| 15 | 29·752 | 0·133 | 82·7 | 74·9 | 91·8 | 74·5 | 148·0 | 72·1 | 0·762 | 68 | 64 | S by W | 70 | ... | Cloudy. |
| 16 | 29·781 | 0·104 | 83·1 | 76·3 | 90·8 | 76·7 | 149·0 | 74·2 | 0·816 | 71 | 52 | E S E | 70 | ... | Do. |
| 17 | 29·794 | 0·118 | 80·1 | 75·5 | 89·8 | 76·8 | 145·6 | 76·2 | 0·823 | 80 | 42 | E S E | 100 | 0·16 | Overcast with rain. |
| 18 | 29·812 | 0·120 | 79·8 | 75·4 | 84·1 | 75·9 | 130·4 | 74·7 | 0·822 | 80 | 25 | NE by N | 97 | 0·24 | Do. |
| 19 | 29·797 | 0·138 | 76·4 | 73·9 | 82·3 | 75·1 | 108·0 | 74·7 | 0·804 | 88 | 103 | N N W | 100 | 2·15 | Overcast and wet. |
| 20 | 29·776 | 0·130 | 80·4 | 75·6 | 86·1 | 73·6 | 142·9 | 72·0 | 0·822 | 79 | 76 | SW by S | 60 | 0·01 | Passing clouds. |
| 21 | 29·812 | 0·109 | 77·9 | 74·9 | 86·2 | 73·0 | 138·0 | 72·8 | 0·826 | 86 | 48 | W by S | 68 | 1·30 | Cloudy with rain. |
| 22 | 29·868 | 0·103 | 79·2 | 75·8 | 86·6 | 75·3 | 145·0 | 71·5 | 0·847 | 85 | 77 | NE by E | 87 | 0·23 | Cloudy : th. and lg. |
| 23 | 29·883 | 0·123 | 77·3 | 74·7 | 84·6 | 72·9 | 154·2 | 71·8 | 0·826 | 89 | 112 | N by E | 100 | 1·23 | Overcast with rain : th. and lg. |
| 24 | 29·890 | 0·131 | 77·0 | 74·4 | 84·1 | 74·5 | 97·4 | 74·0 | 0·818 | 88 | 100 | North | 100 | 0·11 | Overcast : th. |
| 25 | 29·924 | 0·162 | 77·5 | 74·9 | 82·8 | 73·9 | 122·8 | 73·5 | 0·832 | 89 | 101 | North | 77 | 0·18 | Cloudy : rain. |
| 26 | 29·911 | 0·132 | 80·1 | 76·1 | 87·8 | 74·6 | 144·4 | 73·0 | 0·848 | 82 | 121 | N N E | 50 | 0·03 | Fine with passing clouds. |
| 27 | 29·906 | 0·098 | 80·0 | 76·3 | 86·7 | 76·3 | 140·1 | 74·2 | 0·858 | 84 | 36 | E N E | 47 | 0·03 | Fine with passing clouds : th. and lg. |
| 28 | 29·929 | 0·141 | 80·6 | 75·1 | 89·3 | 73·8 | 145·4 | 71·0 | 0·798 | 76 | 45 | E by S | 20 | ... | Fine with passing clouds. |
| 29 | 29·928 | 0·135 | 81·3 | 75·8 | 89·5 | 75·4 | 136·9 | 71·2 | 0·819 | 77 | 78 | E by N | 27 | ... | Do. |
| 30 | 29·918 | 0·126 | 81·7 | 76·4 | 90·4 | 75·6 | 151·2 | 71·2 | 0·839 | 77 | 110 | NE by N | 23 | ... | Do. |
| 31 | 29·908 | 0·095 | 77·9 | 74·0 | 83·7 | 75·2 | 110·8 | 70·0 | 0·788 | 82 | 161 | N by E | 97 | 1·68 | Overcast with rain. |
| Mean | 29·857 | 0·129 | 80·5 | 75·5 | 88·8 | 75·2 | 141·1 | 72·9 | 0·821 | 79 | 84 | E N E | 62 | 8·61 | |

## Madras Meteorological Observations. 1880—November.

| November 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·880 | 0·128 | 77·1 | 73·9 | 83·4 | 73·4 | 136·4 | 72·3 | 0·795 | 85 | 152 | North | 97 | 1·46 | Overcast. |
| 2 | 29·887 | 0·172 | 76·4 | 73·1 | 76·9 | 73·7 | 88·2 | 72·0 | 0·772 | 85 | 149 | North | 100 | 0·51 | Do. |
| 3 | 29·879 | 0·119 | 74·3 | 72·2 | 76·2 | 71·9 | 90·6 | 71·0 | 0·763 | 90 | 140 | N by E | 100 | 1·18 | Do. |
| 4 | 29·837 | 0·113 | 75·0 | 71·4 | 78·3 | 71·0 | 116·6 | 70·0 | 0·722 | 84 | 268 | NW by N | 100 | 0·28 | Do. |
| 5 | 29·863 | 0·113 | 79·0 | 73·6 | 86·6 | 73·2 | 140·9 | 71·0 | 0·757 | 77 | 75 | NW by N | 60 | ... | Passing clouds. |
| 6 | 29·862 | 0·143 | 80·4 | 75·2 | 89·8 | 74·6 | 149·1 | 72·0 | 0·805 | 77 | 100 | W S W | 43 | ... | Chiefly fine. |
| 7 | 29·931 | 0·106 | 75·6 | 73·4 | 85·4 | 72·1 | 138·4 | 72·0 | 0·795 | 89 | 75 | SW by S | 87 | 1·82 | Overcast: thunderstorm. |
| 8 | 29·984 | 0·097 | 78·5 | 75·2 | 88·1 | 75·0 | 149·6 | 71·9 | 0·831 | 85 | 92 | E by N | 87 | 0·17 | Cloudy with rain: lg. |
| 9 | 29·972 | 0·108 | 79·8 | 76·5 | 86·7 | 76·4 | 145·4 | 74·7 | 0·869 | 86 | 121 | E N E | 87 | 0·39 | Do. : do. |
| 10 | 29·975 | 0·137 | 78·5 | 75·4 | 86·4 | 74·6 | 149·0 | 73·0 | 0·840 | 86 | 99 | NE by E | 93 | 0·22 | Cloudy with rain: th. and lg. |
| 11 | 29·976 | 0·125 | 76·5 | 74·3 | 82·9 | 74·3 | 141·4 | 72·0 | 0·820 | 90 | 94 | N N E | 93 | 0·51 | Do. : do. |
| 12 | 29·978 | 0·102 | 79·0 | 75·8 | 86·8 | 74·9 | 147·2 | 73·3 | 0·850 | 86 | 129 | N E | 87 | 0·74 | Cloudy. |
| 13 | 29·996 | 0·117 | 78·0 | 73·7 | 84·5 | 74·4 | 135·2 | 72·0 | 0·774 | 81 | 175 | NE by E | 90 | 0·29 | Do. |
| 14 | 29·997 | 0·117 | 78·9 | 72·2 | 85·1 | 73·4 | 145·0 | 69·0 | 0·701 | 71 | 242 | NE by N | 27 | ... | Fine with passing clouds. |
| 15 | 29·957 | 0·129 | 75·7 | 72·9 | 83·6 | 72·2 | 146·6 | 72·0 | 0·773 | 87 | 170 | N by E | 70 | 0·11 | Cloudy: rain. |
| 16 | 29·964 | 0·121 | 79·3 | 74·7 | 87·0 | 72·5 | 145·1 | 72·1 | 0·799 | 80 | 108 | NE by N | 60 | 0·07 | Passing clouds. |
| 17 | 29·968 | 0·114 | 77·8 | 74·5 | 86·3 | 74·6 | 145·7 | 72·1 | 0·810 | 84 | 65 | N N E | 83 | 0·23 | Cloudy: rain: th. |
| 18 | 29·974 | 0·125 | 78·6 | 72·9 | 86·6 | 72·7 | 145·1 | 72·1 | 0·733 | 76 | 145 | NE by N | 50 | ... | Passing clouds. |
| 19 | 29·938 | 0·125 | 77·7 | 73·0 | 85·7 | 69·5 | 147·3 | 66·4 | 0·750 | 80 | 158 | N N E | 40 | ... | Fine with passing clouds. |
| 20 | 29·859 | 0·134 | 77·5 | 74·5 | 82·0 | 74·4 | 139·3 | 70·6 | 0·815 | 86 | 236 | N by E | 90 | 1·14 | Overcast with rain: th. |
| 21 | 29·825 | 0·060 | 78·6 | 74·4 | 82·3 | 74·9 | 115·9 | 73·3 | 0·796 | 82 | 288 | E by N | 100 | 0·23 | Overcast. |
| 22 | 29·934 | 0·070 | 78·3 | 75·2 | 85·0 | 76·7 | 149·3 | 74·6 | 0·834 | 86 | 188 | SE by E | 93 | 0·26 | Cloudy with rain. |
| 23 | 29·948 | 0·113 | 79·1 | 75·3 | 86·6 | 74·2 | 153·9 | 73·0 | 0·827 | 82 | 115 | E by S | 73 | 1·28 | Cloudy. |
| 24 | 29·929 | 0·121 | 77·3 | 74·3 | 84·9 | 74·7 | 142·3 | 73·9 | 0·809 | 86 | 80 | NE by E | 73 | 0·14 | Cloudy day: fine night. |
| 25 | 29·915 | 0·111 | 79·7 | 75·1 | 86·5 | 72·5 | 141·6 | 69·9 | 0·811 | 80 | 139 | NE by E | 60 | ... | Passing clouds. |
| 26 | 29·923 | 0·096 | 77·2 | 74·5 | 86·1 | 74·0 | 144·6 | 71·6 | 0·819 | 89 | 148 | E N E | 80 | 0·27 | Cloudy with rain. |
| 27 | 29·953 | 0·080 | 74·6 | 72·0 | 75·2 | 73·4 | 112·5 | 71·9 | 0·752 | 88 | 166 | N E | 100 | 2·00 | Overcast with rain. |
| 28 | 29·940 | 0·093 | 73·1 | 72·0 | 75·6 | 72·4 | 87·3 | 71·1 | 0·772 | 95 | 113 | NE by E | 100 | 5·66 | Overcast. |
| 29 | 29·919 | 0·106 | 75·6 | 73·4 | 82·7 | 72·5 | 138·1 | 72·1 | 0·795 | 90 | 117 | N E | 97 | 0·50 | Do. |
| 30 | 29·911 | 0·114 | 74·8 | 73·2 | 77·0 | 72·0 | 85·3 | 71·6 | 0·798 | 93 | 75 | E S E | 100 | 3·51 | Do. |
| Mean | 29·929 | 0·114 | 77·4 | 73·9 | 83·7 | 73·5 | 133·8 | 71·8 | 0·793 | 85 | 141 | NE by N | 81 | 22·97 | |

## Madras Meteorological Observations. 1880—December.

| December 1880 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·944 | 0·136 | 75·1 | 73·1 | 78·4 | 72·4 | 99·6 | 70·6 | 0·789 | 90 | 123 | E by S | 100 | 0·95 | Overcast with rain. |
| 2 | 29·985 | 0·085 | 74·3 | 72·7 | 76·4 | 73·0 | 81·6 | 72·4 | 0·784 | 93 | 64 | E by N | 83 | 1·31 | Rainy day: fine night. |
| 3 | 30·011 | 0·122 | 77·2 | 73·0 | 84·4 | 70·6 | 144·4 | 66·2 | 0·757 | 81 | 99 | NE by E | 34 | ... | Fine with passing clouds. |
| 4 | 29·987 | 0·111 | 77·4 | 73·4 | 85·4 | 70·9 | 141·4 | 66·7 | 0·770 | 82 | 71 | N E | 47 | 0·02 | Passing clouds. |
| 5 | 29·975 | 0·120 | 78·5 | 73·9 | 86·0 | 71·8 | 146·4 | 68·2 | 0·776 | 80 | 114 | N E | 53 | ... | Do. |
| 6 | 30·028 | 0·096 | 74·7 | 71·8 | 83·1 | 73·7 | 144·2 | 70·5 | 0·742 | 86 | 159 | NE by N | 90 | 0·13 | Cloudy with rain. |
| 7 | 29·975 | 0·128 | 75·6 | 71·1 | 83·8 | 71·9 | 139·0 | 64·7 | 0·703 | 79 | 105 | N E | 67 | ... | Passing clouds. |
| 8 | 29·993 | 0·126 | 74·7 | 69·6 | 82·2 | 69·4 | 141·0 | 65·4 | 0·657 | 77 | 117 | NE by N | 50 | ... | Do. |
| 9 | 30·007 | 0·126 | 73·6 | 69·6 | 82·7 | 67·0 | 144·2 | 63·5 | 0·671 | 81 | 95 | N N E | 37 | ... | Fine with passing clouds. |
| 10 | 30·016 | 0·128 | 73·6 | 68·5 | 82·9 | 66·8 | 141·4 | 61·2 | 0·630 | 76 | 90 | N by E | 17 | ... | Fine. |
| 11 | 30·017 | 0·117 | 72·5 | 67·5 | 83·6 | 65·6 | 140·6 | 60·4 | 0·608 | 76 | 64 | N N E | 27 | ... | Fine with passing clouds. |
| 12 | 30·045 | 0·124 | 72·2 | 69·6 | 83·6 | 63·6 | 141·1 | 59·0 | 0·691 | 88 | 73 | N N E | 27 | ... | Do. |
| 13 | 30·081 | 0·129 | 73·3 | 69·2 | 84·3 | 64·2 | 139·2 | 58·0 | 0·660 | 81 | 80 | N N E | 17 | ... | Fine. |
| 14 | 30·079 | 0·121 | 75·1 | 70·0 | 85·1 | 67·0 | 141·4 | 61·7 | 0·667 | 77 | 93 | N E | 27 | ... | Fine with passing clouds. |
| 15 | 30·050 | 0·127 | 75·6 | 70·1 | 85·1 | 69·0 | 149·7 | 64·7 | 0·664 | 75 | 158 | NE by N | 43 | 0·06 | Passing clouds. |
| 16 | 30·030 | 0·101 | 74·3 | 69·1 | 84·3 | 66·0 | 148·2 | 62·5 | 0·643 | 75 | 96 | N N E | 33 | ... | Fine with passing clouds. |
| 17 | 30·022 | 0·102 | 73·0 | 68·0 | 84·3 | 65·0 | 143·4 | 61·3 | 0·619 | 76 | 71 | N N E | 40 | ... | Passing clouds. |
| 18 | 30·041 | 0·095 | 73·9 | 68·4 | 85·2 | 65·9 | 150·2 | 61·4 | 0·622 | 74 | 51 | E N E | 33 | ... | Fine with passing clouds. |
| 19 | 30·028 | 0·136 | 75·7 | 69·2 | 85·1 | 66·0 | 143·4 | 60·5 | 0·628 | 71 | 121 | N E | 40 | ... | Do. |
| 20 | 29·988 | 0·138 | 76·3 | 70·6 | 86·1 | 67·6 | 150·7 | 61·5 | 0·673 | 74 | 177 | N E | 53 | ... | Passing clouds. |
| 21 | 29·996 | 0·124 | 72·8 | 69·6 | 76·7 | 67·9 | 96·3 | 66·5 | 0·682 | 85 | 193 | NE by N | 100 | 1·55 | Rainy morning: overcast. |
| 22 | 30·007 | 0·099 | 75·6 | 69·0 | 81·9 | 71·8 | 140·6 | 67·5 | 0·622 | 71 | 200 | NE by N | 43 | 0·01 | Fine with passing clouds. |
| 23 | 30·006 | 0·124 | 74·3 | 69·5 | 80·7 | 67·9 | 139·8 | 64·8 | 0·659 | 78 | 177 | N by E | 70 | ... | Cloudy. |
| 24 | 30·004 | 0·104 | 76·6 | 73·6 | 84·3 | 73·3 | 141·4 | 70·8 | 0·790 | 86 | 247 | NE by N | 87 | 1·71 | Unsettled: heavy rain. |
| 25 | 30·042 | 0·121 | 77·8 | 73·0 | 84·2 | 72·2 | 145·0 | 71·7 | 0·749 | 79 | 305 | N E | 57 | 0·03 | Passing clouds. |
| 26 | 30·052 | 0·114 | 77·1 | 71·1 | 82·9 | 73·3 | 144·8 | 69·4 | 0·682 | 73 | 222 | NE by N | 50 | ... | Do. |
| 27 | 30·071 | 0·123 | 76·0 | 69·4 | 83·9 | 69·2 | 145·7 | 65·5 | 0·632 | 71 | 169 | NE by N | 30 | ... | Fine with passing clouds. |
| 28 | 30·070 | 0·130 | 74·7 | 69·8 | 82·3 | 67·3 | 145·4 | 65·5 | 0·664 | 77 | 149 | NE by N | 50 | ... | Passiug clouds. |
| 29 | 30·016 | 0·137 | 74·0 | 69·0 | 82·7 | 68·9 | 146·4 | 65·7 | 0·643 | 76 | 102 | N N E | 33 | ... | Fino with passing clouds. |
| 30 | 30·024 | 0·134 | 72·8 | 67·4 | 83·3 | 66·6 | 146·6 | 63·5 | 0·600 | 74 | 81 | N N E | 27 | ... | Do. |
| 31 | 30·046 | 0·122 | 72·9 | 67·5 | 83·8 | 64·4 | 141·4 | 60·6 | 0·602 | 74 | 79 | N E | 43 | ... | Do. |
| Mean | 30·021 | 0·119 | 74·9 | 70·2 | 83·2 | 68·7 | 138·9 | 64·9 | 0·680 | 79 | 127 | NE by N | 49 | 5·77 | |

## Madras Mean Monthly and Annual Meteorological Results in 1880.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·962 | 0·125 | 73·8 | 84·4 | 65·6 | 18·8 | 67·1 | 63·4 | 0·577 | 69 | 141·5 | 61·0 | 138 | 5 | N E by E | 2·65 | 5 | 64 |
| February | 29·947 | 0·130 | 76·3 | 85·0 | 68·6 | 16·4 | 69·7 | 66·5 | 0·641 | 70 | 143·8 | 65·4 | 123 | 9 | E by S | 2·48 | 1 | 71 |
| March | 29·902 | 0·145 | 79·9 | 89·1 | 71·9 | 17·2 | 72·5 | 69·6 | 0·703 | 69 | 144·8 | 68·5 | 156 | 11 | S E by E | ... | ... | 73 |
| April | 29·802 | 0·139 | 84·8 | 93·8 | 78·5 | 15·3 | 77·2 | 75·4 | 0·834 | 70 | 145·8 | 76·4 | 186 | 13 | S E by S | ... | ... | 68 |
| May | 29·709 | 0·119 | 87·6 | 99·2 | 80·9 | 18·3 | 77·8 | 74·8 | 0·822 | 63 | 147·6 | 79·5 | 227 | 15 | S by E | ... | ... | 57 |
| June | 29·686 | 0·120 | 87·1 | 96·1 | 80·9 | 15·2 | 74·9 | 72·1 | 0·702 | 55 | 144·7 | 79·5 | 201 | 20 | S W | 1·11 | 11 | 32 |
| July | 29·734 | 0·127 | 84·9 | 96·9 | 78·2 | 18·7 | 73·9 | 70·9 | 0·690 | 58 | 144·6 | 76·5 | 202 | 21 | S W by W | 4·49 | 18 | 28 |
| August | 29·747 | 0·132 | 83·6 | 94·7 | 77·5 | 17·2 | 74·8 | 71·7 | 0·747 | 65 | 145·6 | 76·2 | 157 | 19 | S W by S | 4·90 | 15 | 31 |
| September | 29·775 | 0·130 | 82·4 | 92·6 | 76·5 | 16·1 | 75·2 | 72·1 | 0·779 | 71 | 140·1 | 74·6 | 143 | 21 | S W by W | 8·82 | 15 | 32 |
| October | 29·857 | 0·129 | 80·5 | 88·8 | 75·2 | 13·6 | 75·5 | 73·1 | 0·821 | 79 | 141·1 | 72·9 | 84 | 6 | E N E | 8·61 | 17 | 38 |
| November | 29·929 | 0·114 | 77·4 | 83·7 | 73·5 | 10·2 | 73·9 | 71·8 | 0·793 | 85 | 133·8 | 71·8 | 141 | 3 | N E by N | 22·97 | 24 | 19 |
| December | 30·021 | 0·119 | 74·9 | 83·2 | 68·7 | 14·5 | 70·2 | 67·3 | 0·680 | 79 | 138·9 | 64·9 | 127 | 3 | N E by N | 5·77 | 9 | 51 |
| Annual | 29·839 | 0·127 | 81·1 | 90·6 | 74·7 | 16·0 | 73·6 | 70·7 | 0·732 | 69 | 142·7 | 72·3 | 157 | 12 | S E | 61·80 | 115 | 47 |

## Madras Extreme Monthly Meteorological Records in 1880.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·133 | 25 | 29·740 | 3 | 0·393 | 87·0 | 4 | 59·0 | 3 | 56·4 | 3 | 41 | 11 | 150·8 | 28 | 54·0 | 3 | 297 | 26 | 68 | 10 | 1·09 | 30 |
| February | 30·105 | 24 | 29·762 | 17 | 0·343 | 87·3 | 14 | 61·2 | 7 | 59·7 | 7 | 46 | 7 | 151·4 | 9 | 57·3 | 7 | 182 | 1 | 83 | 21 | 2·48 | 18 |
| March | 30·106 | 6 | 29·696 | 21 | 0·410 | 99·9 | 31 | 64·5 | 9 | 62·1 | 9 | 44 | 31 | 150·6 | 31 | 60·8 | 10 | 230 | 22 | 90 | 9 | ... | ... |
| April | 29·955 | 28 | 29·672 | 24 | 0·283 | 101·8 | 21 | 75·8 | 22 | 69·3 | 22 | 37 | 25 | 150·6 | 22 | 72·5 | 19 | 267 | 11 | 129 | 29 | ... | ... |
| May | 29·852 | 9 | 29·484 | 31 | 0·368 | 107·9 | 30 | 78·0 | 12 | 70·9 | 12 | 32 | 22 | 159·2 | 19 | 76·0 | 18 | 352 | 7 | 131 | 16 | ... | ... |
| June | 29·808 | 7 | 29·485 | 1 | 0·323 | 105·2 | 16 | 74·3 | 13 | 69·8 | 27 | 30 | 4 | 159·5 | 22 | 73·8 | 13 | 347 | 5 | 107 | 23 | 0·45 | 12 |
| July | 29·843 | 20 | 29·541 | 14 | 0·302 | 102·2 | 2 | 73·4 | 5 | 67·7 | 29 | 23 | 15 | 153·7 | 10 | 72·5 | 23 | 284 | 15 | 125 | 4 | 1·94 | 19 |
| August | 29·859 | 16 | 29·550 | 4 | 0·309 | 102·0 | 5 | 71·9 | 29 | 69·5 | 2 | 28 | 5 | 156·7 | 5 | 71·2 | 29 | 277 | 5 | 52 | 30 | 1·67 | 7 |
| September | 29·908 | 9 | 29·610 | 12 | 0·298 | 100·0 | 21 | 70·6 | 2 | 68·4 | 25 | 30 | 24 | 163·6 | 20 | 69·9 | 2 | 224 | 15 | 40 | 10 | 3·62 | 9 |
| October | 30·005 | 25 | 29·672 | 14 | 0·333 | 97·4 | 14 | 72·9 | 23 | 71·3 | 23 | 48 | 15 | 155·7 | 8 | 70·0 | 31 | 161 | 31 | 25 | 18 | 2·15 | 19 |
| November | 30·051 | 14 | 29·784 | 21 | 0·267 | 89·8 | 6 | 69·5 | 19 | 67·6 | 19 | 53 | 6 | 153·9 | 23 | 66·4 | 19 | 288 | 21 | 65 | 17 | 5·66 | 28 |
| December | 30·147 | 13 | 29·885 | 1 | 0·262 | 86·1 | 20 | 63·6 | 12 | 63·1 | 31 | 54 | 18 | 150·7 | 20 | 58·0 | 13 | 305 | 25 | 51 | 18 | 1·71 | 24 |

# Madras Meteorological Observations. 1881—January.

| January 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·031 | 0·121 | 73·1 | 68·1 | 84·6 | 66·3 | 143·3 | 62·0 | 0·617 | 76 | 98 | N E | 27 | ... | Fine with passing clouds. |
| 2 | 30·003 | 0·102 | 73·6 | 68·9 | 84·8 | 65·6 | 143·6 | 60·8 | 0·647 | 78 | 75 | N E | 23 | ... | Do. |
| 3 | 30·039 | 0·084 | 74·6 | 69·7 | 84·8 | 66·8 | 144·8 | 61·8 | 0·661 | 77 | 72 | E N E | 33 | ... | Do. |
| 4 | 30·046 | 0·098 | 76·1 | 69·1 | 84·4 | 66·5 | 144·9 | 60·9 | 0·619 | 69 | 133 | N E by E | 37 | ... | Do. |
| 5 | 30·047 | 0·126 | 75·1 | 70·5 | 85·1 | 68·3 | 143·7 | 64·7 | 0·686 | 79 | 121 | N E by N | 50 | ... | Passing clouds. |
| 6 | 30·012 | 0·111 | 76·2 | 70·3 | 84·8 | 68·0 | 147·8 | 63·5 | 0·663 | 73 | 96 | N E by N | 47 | ... | Do. |
| 7 | 29·998 | 0·119 | 77·1 | 71·0 | 86·4 | 68·4 | 148·7 | 63·9 | 0·678 | 73 | 124 | N E | 53 | ... | Do. |
| 8 | 29·997 | 0·139 | 77·9 | 70·7 | 86·4 | 71·6 | 147·3 | 67·1 | 0·656 | 69 | 177 | N E | 47 | ... | Fine with passing clouds. |
| 9 | 29·976 | 0·137 | 76·9 | 68·2 | 84·7 | 73·8 | 141·7 | 70·0 | 0·574 | 61 | 237 | N E by E | 50 | ... | Passing clouds. |
| 10 | 30·005 | 0·106 | 74·4 | 68·3 | 83·6 | 68·8 | 140·3 | 64·9 | 0·612 | 72 | 137 | N E | 97 | ... | Cloudy. |
| 11 | 29·988 | 0·121 | 75·3 | 71·1 | 80·3 | 72·9 | 119·1 | 70·8 | 0·707 | 80 | 195 | N E | 100 | 0·06 | Overcast. |
| 12 | 29·956 | 0·107 | 76·6 | 71·5 | 82·6 | 72·3 | 141·8 | 72·0 | 0·706 | 77 | 231 | N E | 80 | 0·42 | Cloudy : rain. |
| 13 | 29·972 | 0·122 | 76·7 | 70·3 | 83·6 | 70·1 | 142·3 | 66·0 | 0·656 | 71 | 259 | N E by N | 37 | ... | Fine with passing clouds. |
| 14 | 30·034 | 0·080 | 77·3 | 70·5 | 84·8 | 73·7 | 144·9 | 68·8 | 0·656 | 70 | 279 | N E | 57 | 0·04 | Passing clouds. |
| 15 | 30·086 | 0·097 | 77·9 | 70·6 | 83·9 | 73·7 | 143·3 | 68·8 | 0·652 | 69 | 306 | N E by N | 47 | ... | Do. |
| 16 | 30·042 | 0·129 | 77·1 | 69·7 | 83·9 | 73·1 | 145·9 | 67·8 | 0·628 | 68 | 299 | N E by N | 40 | ... | Fine with passing clouds. |
| 17 | 30·008 | 0·127 | 76·7 | 69·0 | 83·0 | 71·0 | 143·5 | 68·2 | 0·607 | 66 | 257 | N E | 83 | ... | Cloudy. |
| 18 | 29·997 | 0·082 | 77·7 | 70·5 | 84·4 | 74·8 | 146·1 | 72·0 | 0·653 | 70 | 266 | N E by N | 90 | ... | Do. |
| 19 | 29·996 | 0·106 | 77·4 | 69·9 | 85·2 | 74·1 | 146·2 | 70·6 | 0·632 | 67 | 250 | N E | 60 | ... | Passing clouds. |
| 20 | 30·032 | 0·119 | 78·0 | 69·0 | 85·4 | 73·2 | 144·1 | 69·8 | 0·589 | 61 | 250 | N E | 43 | ... | Do. |
| 21 | 30·050 | 0·116 | 75·5 | 67·3 | 85·2 | 68·2 | 147·1 | 64·3 | 0·560 | 64 | 184 | N E | 50 | ... | Do. |
| 22 | 30·047 | 0·110 | 74·7 | 65·5 | 83·9 | 66·9 | 146·5 | 61·8 | 0·507 | 60 | 244 | N E by N | 53 | ... | Do. |
| 23 | 30·040 | 0·126 | 73·4 | 65·0 | 83·5 | 64·2 | 144·5 | 58·0 | 0·506 | 61 | 186 | N E by N | 30 | ... | Fine with passing clouds. |
| 24 | 30·059 | 0·112 | 74·4 | 66·2 | 83·8 | 64·2 | 148·1 | 58·6 | 0·536 | 62 | 186 | N E by N | 47 | ... | Passing clouds. |
| 25 | 30·066 | 0·115 | 74·2 | 65·0 | 83·7 | 62·9 | 147·1 | 57·3 | 0·496 | 59 | 212 | N E by N | 33 | ... | Fine with passing clouds. |
| 26 | 30·048 | 0·147 | 70·2 | 63·2 | 83·9 | 61·9 | 147·1 | 55·7 | 0·488 | 66 | 162 | N N E | 33 | ... | Do. |
| 27 | 30·039 | 0·134 | 71·1 | 64·0 | 82·5 | 61·1 | 147·8 | 55·2 | 0·503 | 66 | 132 | N N E | 37 | ... | Do. |
| 28 | 30·013 | 0·119 | 74·2 | 64·2 | 85·1 | 62·2 | 143·5 | 57·0 | 0·468 | 55 | 144 | N E by N | 10 | ... | Fine. |
| 29 | 30·000 | 0·141 | 72·9 | 64·4 | 83·4 | 62·6 | 149·3 | 56·0 | 0·492 | 60 | 155 | N E by N | 30 | ... | Fine with passing clouds. |
| 30 | 30·021 | 0·113 | 72·9 | 63·9 | 85·1 | 61·5 | 147·2 | 55·3 | 0·475 | 58 | 148 | N E by N | 13 | ... | Fine. |
| 31 | 30·052 | 0·114 | 71·8 | 64·3 | 84·9 | 60·4 | 144·5 | 57·2 | 0·503 | 60 | 121 | N E | 40 | ... | Fine with passing clouds. |
| Mean | 30·023 | 0·115 | 75·2 | 68·1 | 84·2 | 68·0 | 144·4 | 63·6 | 0·594 | 68 | 185 | N E | 48 | 0·52 | |

# Madras Meteorological Observations. 1881—February.

| February 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·019 | 0·122 | 73·7 | 66·0 | 84·7 | 62·6 | 144·8 | 55·9 | 0·537 | 64 | 141 | N E | 15 | ... | Fine. |
| 2 | 30·011 | 0·113 | 75·9 | 69·7 | 85·6 | 65·9 | 146·1 | 60·6 | 0·641 | 72 | 128 | N E by E | 30 | ... | Fine with passing clouds. |
| 3 | 30·026 | 0·108 | 77·3 | 71·0 | 86·0 | 69·4 | 144·3 | 65·1 | 0·675 | 72 | 163 | N E | 30 | ... | Do. |
| 4 | 30·073 | 0·117 | 76·0 | 69·1 | 86·0 | 67·4 | 145·4 | 62·3 | 0·619 | 69 | 142 | N E | 23 | ... | Do. |
| 5 | 30·108 | 0·113 | 74·3 | 68·2 | 85·4 | 65·2 | 147·2 | 59·2 | 0·610 | 72 | 127 | N E | 22 | ... | Do. |
| 6 | 30·125 | 0·125 | 74·5 | 67·5 | 86·4 | 64·3 | 143·7 | 58·0 | 0·581 | 68 | 103 | N E | 23 | ... | Do |
| 7 | 30·125 | 0·134 | 76·4 | 67·4 | 84·8 | 64·8 | 146·8 | 59·4 | 0·552 | 60 | 130 | N E by E | 33 | ... | Do. |
| 8 | 30·054 | 0·157 | 75·0 | 64·4 | 84·4 | 62·6 | 144·5 | 55·9 | 0·464 | 54 | 198 | N E by E | 43 | ... | Do. |
| 9 | 29·993 | 0·145 | 74·6 | 65·6 | 85·2 | 67·4 | 144·3 | 59·6 | 0·511 | 60 | 124 | N E by E | 23 | ... | Do. |
| 10 | 29·971 | 0·121 | 74·2 | 66·0 | 84·6 | 61·6 | 145·1 | 55·1 | 0·531 | 62 | 138 | E N E | 7 | ... | Fine. |
| 11 | 29·972 | 0·111 | 73·1 | 65·8 | 85·4 | 62·7 | 145·8 | 56·6 | 0·539 | 66 | 77 | E N E | 7 | ... | Do. |
| 12 | 29·984 | 0·126 | 74·3 | 67·4 | 86·7 | 64·9 | 145·3 | 59·1 | 0·579 | 68 | 83 | E N E | 10 | ... | Do. |
| 13 | 29·967 | 0·130 | 74·2 | 67·1 | 88·0 | 63·9 | 146·1 | 58·2 | 0·570 | 68 | 60 | E by N | 3 | ... | Do. |
| 14 | 29·980 | 0·129 | 76·2 | 69·0 | 86·0 | 64·4 | 146·2 | 58·6 | 0·613 | 68 | 116 | E by N | 23 | ... | Fine with passing clouds. |
| 15 | 30·003 | 0·128 | 76·5 | 70·3 | 86·1 | 67·8 | 147·3 | 62·3 | 0·659 | 72 | 142 | E by N | 47 | ... | Do. |
| 16 | 30·033 | 0·126 | 78·3 | 71·0 | 87·2 | 70·8 | 147·7 | 66·6 | 0·662 | 69 | 123 | N E by E | 53 | ... | Passing clouds. |
| 17 | 30·015 | 0·116 | 77·3 | 70·4 | 88·0 | 70·1 | 147·0 | 63·7 | 0·652 | 69 | 69 | E N E | 47 | ... | Do. |
| 18 | 30·031 | 0·108 | 76·2 | 68·7 | 88·5 | 68·6 | 153·5 | 63·7 | 0·602 | 67 | 55 | East | 40 | ... | Fine with passing clouds. |
| 19 | 30·043 | 0·131 | 75·1 | 68·1 | 86·9 | 65·0 | 147·1 | 58·3 | 0·594 | 68 | 54 | East | 23 | ... | Fine. |
| 20 | 30·042 | 0·130 | 74·2 | 68·1 | 86·3 | 65·4 | 147·5 | 58·7 | 0·607 | 72 | 60 | S E by E | 13 | ... | Do. |
| 21 | 30·024 | 0·143 | 75·0 | 68·6 | 87·5 | 65·7 | 144·8 | 58·8 | 0·614 | 71 | 70 | E by S | 17 | ... | Do. |
| 22 | 30·006 | 0·120 | 74·4 | 67·8 | 88·4 | 64·8 | 146·7 | 57·9 | 0·593 | 70 | 46 | East | 7 | ... | Do. |
| 23 | 29·983 | 0·143 | 74·9 | 68·1 | 86·6 | 63·0 | 145·0 | 55·8 | 0·597 | 69 | 77 | E by S | 3 | ... | Do. |
| 24 | 29·970 | 0·137 | 75·0 | 69·1 | 84·9 | 66·1 | 147·8 | 59·5 | 0·634 | 72 | 69 | S E | 23 | ... | Fine with passing clouds. |
| 25 | 30·001 | 0·102 | 75·7 | 69·0 | 85·3 | 64·7 | 142·7 | 59·0 | 0·620 | 70 | 75 | S E by E | 20 | ... | Fine. |
| 26 | 30·004 | 0·123 | 75·8 | 69·4 | 86·2 | 67·6 | 147·8 | 61·5 | 0·634 | 71 | 61 | S E by E | 13 | ... | Do. |
| 27 | 29·998 | 0·139 | 75·5 | 68·8 | 87·3 | 66·1 | 145·5 | 59·9 | 0·615 | 70 | 59 | E S E | 20 | ... | Fine with passing clouds. |
| 28 | 29·947 | 0·152 | 76·3 | 70·0 | 86·7 | 67·6 | 143·5 | 62·0 | 0·650 | 72 | 50 | E S E | 10 | ... | Fine. |
| Mean | 30·018 | 0·127 | 75·4 | 68·3 | 86·3 | 65·7 | 146·1 | 59·7 | 0·598 | 68 | 98 | E by N | 22 | *Nil.* | |

# Madras. Meteorological Observations. 1881 —March.

| March 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·924 | 0·140 | 76·4 | 69·4 | 89·9 | 64·5 | 147·3 | 60·4 | 0·626 | 69 | 72 | E S E | 13 | ... | Fine. |
| 2 | 29·922 | 0·115 | 76·9 | 68·6 | 90·7 | 65·9 | 146·3 | 60·6 | 0·589 | 64 | 63 | SE by E | 7 | ... | Do. |
| 3 | 29·913 | 0·132 | 75·3 | 69·2 | 87·7 | 64·6 | 144·2 | 61·4 | 0·634 | 72 | 67 | E by S | 01 | ... | Do. |
| 4 | 29·876 | 0·130 | 76·7 | 70·6 | 89·3 | 66·7 | 147·0 | 60·7 | 0·668 | 73 | 148 | SE by S | 0 | ... | Clear. |
| 5 | 29·852 | 0·141 | 78·0 | 72·1 | 87·2 | 69·4 | 143·0 | 63·6 | 0·710 | 74 | 203 | S by E | 10 | ... | Fine. |
| 6 | 29·894 | 0·128 | 79·5 | 73·4 | 88·6 | 72·4 | 144·7 | 69·9 | 0·742 | 74 | 207 | S S E | 30 | ... | Fine with passing clouds. |
| 7 | 29·940 | 0·110 | 78·9 | 71·6 | 86·5 | 72·6 | 143·7 | 69·9 | 0·678 | 69 | 120 | SE by E | 30 | ... | Do. |
| 8 | 29·912 | 0·121 | 76·1 | 69·3 | 85·9 | 66·9 | 141·5 | 62·4 | 0·626 | 70 | 139 | SE by S | 13 | ... | Fine. |
| 9 | 29·906 | 0·126 | 78·7 | 72·4 | 87·4 | 69·6 | 143·3 | 65·4 | 0·712 | 73 | 169 | S S E | 47 | ... | Hazy. |
| 10 | 29·915 | 0·124 | 79·5 | 73·9 | 87·9 | 72·7 | 146·1 | 69·4 | 0·763 | 76 | 163 | S S E | 57 | ... | Do. |
| 11 | 29·947 | 0·116 | 78·8 | 73·0 | 89·2 | 72·3 | 143·7 | 67·6 | 0·735 | 75 | 130 | SE by S | 50 | ... | Do. |
| 12 | 29·920 | 0·132 | 78·5 | 72·6 | 87·6 | 70·8 | 146·8 | 67·2 | 0·723 | 74 | 113 | S E | 60 | ... | Do. |
| 13 | 29·923 | 0·121 | 79·0 | 72·8 | 91·1 | 69·6 | 147·8 | 65·6 | 0·723 | 73 | 127 | SE by S | 37 | ... | Fine with light clouds. |
| 14 | 29·906 | 0·133 | 79·5 | 73·6 | 91·3 | 70·2 | 146·7 | 66·4 | 0·750 | 74 | 132 | S S E | 37 | ... | Do. |
| 15 | 29·920 | 0·111 | 78·8 | 72·9 | 92·9 | 70·9 | 145·2 | 68·2 | 0·731 | 74 | 148 | S S E | 20 | ... | Fine. |
| 16 | 29·924 | 0·136 | 79·1 | 73·6 | 91·0 | 70·9 | 145·9 | 65·9 | 0·756 | 76 | 154 | S S E | 10 | ... | Do. |
| 17 | 29·915 | 0·151 | 81·0 | 74·4 | 89·2 | 71·3 | 147·3 | 67·7 | 0·764 | 72 | 211 | S S E | 23 | ... | Fine with passing clouds. |
| 18 | 29·936 | 0·116 | 82·3 | 76·4 | 89·0 | 77·1 | 147·6 | 68·9 | 0·831 | 75 | 201 | SE by S | 37 | ... | Do. |
| 19 | 29·962 | 0·118 | 82·9 | 76·0 | 89·4 | 77·6 | 150·5 | 75·2 | 0·805 | 71 | 205 | S E | 30 | ... | Do. |
| 20 | 29·987 | 0·121 | 82·9 | 75·8 | 91·0 | 77·0 | 146·6 | 73·5 | 0·797 | 71 | 138 | E S E | 33 | ... | Do. |
| 21 | 29·978 | 0·119 | 82·9 | 76·3 | 90·8 | 78·6 | 147·2 | 76·4 | 0·819 | 73 | 145 | E S E | 40 | ... | Do. |
| 22 | 29·962 | 0·110 | 82·0 | 75·1 | 90·6 | 74·3 | 145·2 | 71·1 | 0·779 | 71 | 153 | S E | 30 | ... | Do. |
| 23 | 29·972 | 0·127 | 81·7 | 74·2 | 89·2 | 74·1 | 147·3 | 71·7 | 0·746 | 69 | 162 | SE by S | 43 | ... | Do. |
| 24 | 29·940 | 0·132 | 81·5 | 73·8 | 89·6 | 74·3 | 144·4 | 70·6 | 0·731 | 68 | 166 | S E | 33 | ... | Do. |
| 25 | 29·923 | 0·145 | 82·2 | 73·5 | 90·2 | 73·9 | 143·6 | 71·1 | 0·710 | 64 | 189 | S E | 33 | ... | Do. |
| 26 | 29·930 | 0·128 | 81·1 | 71·9 | 88·7 | 73·1 | 146·1 | 70·1 | 0·659 | 62 | 204 | SE by S | 27 | ... | Do. |
| 27 | 29·976 | 0·144 | 82·0 | 74·1 | 91·2 | 75·5 | 148·9 | 73·1 | 0·737 | 67 | 152 | SE by E | 27 | ... | Do. |
| 28 | 29·975 | 0·131 | 83·5 | 76·7 | 91·7 | 77·1 | 144·8 | 74·7 | 0·828 | 72 | 133 | E by S | 60 | ... | Cloudy. |
| 29 | 29·967 | 0·150 | 83·3 | 76·3 | 91·0 | 79·2 | 148·6 | 77·6 | 0·813 | 71 | 184 | E S E | 43 | ... | Passing clouds. |
| 30 | 29·990 | 0·111 | 83·5 | 76·4 | 91·8 | 77·3 | 147·4 | 75·1 | 0·815 | 71 | 165 | S E by E | 33 | ... | Fine with passing clouds. |
| 31 | 29·954 | 0·151 | 83·4 | 76·2 | 91·5 | 76·6 | 145·0 | 73·9 | 0·808 | 70 | 159 | SE by E | 30 | ... | Do. |
| Mean | 29·934 | 0·128 | 80·2 | 73·4 | 89·6 | 72·5 | 145·9 | 68·9 | 0·736 | 71 | 152 | S E | 31 | *Nil.* | |

## Madras Meteorological Observations. 1881—April.

| April 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·910 | 0·131 | 83·1 | 75·7 | 91·3 | 76·1 | 145·3 | 74·1 | 0·789 | 69 | 141 | S E | 30 | ... | Fine with passing clouds. |
| 2 | 29·876 | 0·138 | 82·7 | 76·5 | 91·6 | 73·8 | 146·8 | 70·8 | 0·830 | 74 | 146 | SE by S | 13 | ... | Fine. |
| 3 | 29·837 | 0·142 | 82·7 | 76·3 | 92·2 | 74·5 | 145·3 | 71·4 | 0·821 | 73 | 192 | S S E | 17 | ... | Do. |
| 4 | 29·832 | 0·128 | 83·1 | 77·0 | 96·9 | 74·6 | 145·3 | 71·8 | 0·847 | 75 | 211 | S S E | 20 | ... | Do. |
| 5 | 29·888 | 0·127 | 83·6 | 76·5 | 90·9 | 76·8 | 144·5 | 73·8 | 0·818 | 72 | 193 | SE by S | 27 | ... | Fine with light clouds. |
| 6 | 29·927 | 0·128 | 82·9 | 75·8 | 92·2 | 74·6 | 145·5 | 71·0 | 0·797 | 71 | 180 | S E | 27 | ... | Fine. |
| 7 | 29·916 | 0·140 | 83·7 | 76·1 | 92·3 | 75·5 | 144·3 | 72·8 | 0·800 | 69 | 111 | SE by E | 17 | ... | Do. |
| 8 | 29·853 | 0·117 | 82·5 | 75·4 | 90·3 | 75·0 | 142·8 | 71·8 | 0·786 | 71 | 184 | SE by S | 7 | ... | Do. |
| 9 | 29·810 | 0·170 | 83·2 | 75·7 | 94·0 | 74·7 | 143·9 | 71·9 | 0·789 | 69 | 232 | S S E | 10 | ... | Do. |
| 10 | 29·769 | 0·160 | 85·8 | 77·9 | 94·0 | 80·1 | 144·5 | 78·2 | 0·850 | 68 | 281 | S by E | 30 | ... | Hazy. |
| 11 | 29·763 | 0·098 | 84·7 | 77·8 | 93·6 | 78·0 | 143·2 | 70·8 | 0·860 | 72 | 221 | S by E | 67 | ... | Light hazy clouds. |
| 12 | 29·820 | 0·126 | 84·1 | 78·2 | 91·6 | 78·4 | 146·2 | 77·1 | 0·886 | 75 | 202 | SE by S | 47 | ... | Hazy. |
| 13 | 29·902 | 0·124 | 84·6 | 77·8 | 93·0 | 76·9 | 146·5 | 72·8 | 0·862 | 73 | 148 | S E | 30 | ... | Fine with light clouds. |
| 14 | 29·853 | 0·164 | 83·9 | 77·0 | 91·6 | 75·9 | 145·7 | 72·8 | 0·835 | 72 | 166 | S E | 27 | ... | Do. |
| 15 | 29·817 | 0·129 | 84·0 | 76·6 | 92·6 | 76·0 | 144·9 | 73·8 | 0·817 | 70 | 192 | S S E | 20 | ... | Fine. |
| 16 | 29·858 | 0·128 | 84·3 | 77·6 | 92·5 | 77·1 | 145·9 | 74·2 | 0·857 | 73 | 207 | SE by S | 47 | ... | Passing clouds. |
| 17 | 29·858 | 0·125 | 84·8 | 77·0 | 92·3 | 79·0 | 143·7 | 76·7 | 0·824 | 69 | 189 | SE by S | 43 | ... | Fine with passing clouds. |
| 18 | 29·853 | 0·106 | 84·6 | 77·3 | 92·1 | 78·4 | 144·7 | 76·7 | 0·840 | 71 | 182 | S E | 20 | ... | Fine. |
| 19 | 29·847 | 0·104 | 83·9 | 77·5 | 92·0 | 77·1 | 144·3 | 72·7 | 0·858 | 74 | 183 | S E | 13 | ... | Do. |
| 20 | 29·893 | 0·124 | 84·2 | 77·5 | 92·5 | 76·3 | 144·7 | 73·5 | 0·854 | 73 | 201 | SE by S | 13 | ... | Do. |
| 21 | 29·884 | 0·161 | 84·5 | 76·8 | 95·4 | 75·9 | 148·5 | 72·7 | 0·819 | 69 | 198 | SE by S | 10 | ... | Do. |
| 22 | 29·830 | 0·151 | 85·9 | 78·9 | 92·7 | 79·8 | 145·2 | 77·7 | 0·895 | 72 | 247 | S S E | 10 | ... | Do. |
| 23 | 29·812 | 0·128 | 85·7 | 79·0 | 95·0 | 79·9 | 145·3 | 77·7 | 0·902 | 73 | 257 | S S E | 13 | ... | Do. |
| 24 | 29·820 | 0·136 | 85·2 | 79·4 | 92·1 | 79·2 | 145·4 | 75·7 | 0·927 | 76 | 225 | SE by S | 13 | ... | Do. |
| 25 | 29·828 | 0·146 | 84·8 | 78·0 | 93·2 | 77·6 | 145·7 | 74·7 | 0·868 | 73 | 208 | SE by S | 20 | ... | Fine with light clouds. |
| 26 | 29·856 | 0·157 | 85·3 | 78·0 | 94·0 | 77·5 | 145·5 | 74·7 | 0·862 | 71 | 174 | SE by S | 37 | ... | Do. |
| 27 | 29·801 | 0·147 | 85·6 | 78·8 | 93·8 | 77·6 | 149·1 | 75·2 | 0·894 | 73 | 203 | S S E | 37 | ... | Fine with passing clouds |
| 28 | 29·730 | 0·151 | 87·0 | 78·3 | 100·1 | 78·9 | 149·0 | 76·5 | 0·852 | 66 | 237 | S by E | 40 | ... | Hazy. |
| 29 | 29·736 | 0·125 | 87·5 | 77·9 | 99·4 | 79·4 | 148·9 | 76·7 | 0·828 | 65 | 216 | S S E | 57 | ... | Do |
| 30 | 29·766 | 0·141 | 85·7 | 79·9 | 94·8 | 80·5 | 143·5 | 79·4 | 0·943 | 77 | 222 | S S E | 60 | ... | Do. |
| Mean | 29·838 | 0·135 | 84·5 | 77·4 | 93·3 | 77·2 | 145·5 | 74·3 | 0·847 | 72 | 198 | SE by S | 27 | *Nil.* | |

## Madras Meteorological Observations. 1881—May.

| May 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·768 | 0·099 | 85·7 | 80·2 | 93·8 | 79·5 | 148·2 | 76·4 | 0·958 | 78 | 208 | SE by S | 33 | ... | Fine with passing clouds. |
| 2 | 29·726 | 0·137 | 85·1 | 78·5 | 93·5 | 76·5 | 147·3 | 73·4 | 0·887 | 74 | 167 | S E | 40 | ... | Fine with light clouds. |
| 3 | 29·690 | 0·134 | 86·4 | 76·6 | 99·0 | 76·0 | 147·5 | 73·0 | 0·785 | 62 | 143 | SE by E | 20 | ... | Fine. |
| 4 | 29·698 | 0·127 | 86·1 | 79·9 | 95·5 | 78·1 | 144·4 | 75·2 | 0·938 | 75 | 172 | SE by E | 47 | ... | Passing clouds. |
| 5 | 29·713 | 0·098 | 87·9 | 80·3 | 101·8 | 82·1 | 151·6 | 81·1 | 0·933 | 71 | 218 | S S E | 37 | ... | Fine with passing clouds. |
| 6 | 29·814 | 0·091 | 87·1 | 81·2 | 93·8 | 83·2 | 146·9 | 81·8 | 0·984 | 76 | 240 | S E | 50 | ... | Passing clouds. |
| 7 | 29·829 | 0·128 | 86·5 | 77·8 | 94·6 | 80·8 | 148·2 | 78·9 | 0·836 | 66 | 204 | S E by S | 30 | ... | Fine with passing clouds. |
| 8 | 29·796 | 0·144 | 85·6 | 78·0 | 97·4 | 78·1 | 147·4 | 75·5 | 0·858 | 70 | 183 | S S E | 23 | ... | Fine. |
| 9 | 29·794 | 0·155 | 85·6 | 79·3 | 93·6 | 78·8 | 145·3 | 76·2 | 0·917 | 75 | 218 | SE by S | 40 | ... | Fine with light clouds. |
| 10 | 29·808 | 0·130 | 86·4 | 80·4 | 93·9 | 82·5 | 144·1 | 81·2 | 0·958 | 76 | 276 | S S E | 40 | ... | Do. |
| 11 | 29·827 | 0·144 | 86·2 | 80·1 | 92·8 | 82·5 | 146·8 | 81·2 | 0·947 | 76 | 264 | SE by S | 50 | ... | Passing clouds. |
| 12 | 29·807 | 0·127 | 85·7 | 78·3 | 94·2 | 79·1 | 142·6 | 78·2 | 0·869 | 70 | 179 | South | 47 | ... | Do. |
| 13 | 29·800 | 0·126 | 86·8 | 78·5 | 96·6 | 80·8 | 146·9 | 78·2 | 0·864 | 68 | 190 | SE by S | 43 | ... | Do. |
| 14 | 29·816 | 0·121 | 86·9 | 80·5 | 93·7 | 82·4 | 144·6 | 81·2 | 0·957 | 74 | 257 | SE by S | 40 | ... | Fine with passing clouds. |
| 15 | 29·794 | 0·117 | 87·6 | 80·6 | 95·2 | 80·7 | 142·4 | 79·5 | 0·951 | 73 | 191 | SE by S | 40 | ... | Do. |
| 16 | 29·764 | 0·127 | 88·0 | 79·4 | 97·3 | 82·2 | 148·7 | 80·8 | 0·889 | 67 | 224 | S S E | 40 | ... | Do. |
| 17 | 29·725 | 0·096 | 87·8 | 76·7 | 100·6 | 79·9 | 147·7 | 77·6 | 0·770 | 59 | 201 | South | 37 | ... | Do. |
| 18 | 29·616 | 0·122 | 90·2 | 77·8 | 105·0 | 82·4 | 150·9 | 81·2 | 0·786 | 55 | 229 | South | 23 | ... | Fine with light clouds. |
| 19 | 29·634 | 0·089 | 90·0 | 80·5 | 108·5 | 83·1 | 154·3 | 81·8 | 0·912 | 65 | 286 | South | 30 | ... | Do. |
| 20 | 29·658 | 0·114 | 91·7 | 79·5 | 109·2 | 83·6 | 153·7 | 82·1 | 0·844 | 57 | 245 | South | 37 | ... | Do. |
| 21 | 29·660 | 0·109 | 91·1 | 80·1 | 112·9 | 84·9 | 159·2 | 83·6 | 0·879 | 60 | 265 | South | 34 | ... | Do. |
| 22 | 29·642 | 0·145 | 89·9 | 79·1 | 109·6 | 83·7 | 154·0 | 82·4 | 0·849 | 60 | 234 | S S W | 53 | ... | Passing clouds : lg. S. W. |
| 23 | 29·581 | 0·154 | 91·9 | 80·7 | 111·0 | 84·8 | 158·0 | 84·2 | 0·898 | 61 | 220 | S by E | 63 | ... | Passing clouds : lg. |
| 24 | 29·595 | 0·093 | 90·7 | 78·4 | 108·9 | 86·1 | 158·7 | 85·1 | 0·807 | 55 | 237 | South | 63 | ... | Hazy. |
| 25 | 29·686 | 0·178 | 84·9 | 75·1 | 96·7 | 74·9 | 140·7 | 72·0 | 0·740 | 61 | 221 | S by E | 80 | 0·26 | Cloudy : rain. |
| 26 | 29·674 | 0·118 | 88·5 | 76·6 | 102·8 | 84·4 | 145·3 | 83·0 | 0·756 | 56 | 275 | S S W | 57 | ... | Passing clouds. |
| 27 | 29·696 | 0·102 | 88·7 | 76·0 | 103·6 | 82·1 | 146·7 | 80·3 | 0·727 | 54 | 206 | S S W | 37 | ... | Fine with light clouds. |
| 28 | 29·720 | 0·114 | 89·1 | 77·8 | 102·0 | 80·9 | 149·2 | 78·4 | 0·801 | 58 | 212 | S S E | 13 | ... | Fine. |
| 29 | 29·718 | 0·096 | 90·2 | 78·6 | 102·5 | 83·5 | 149·5 | 81·8 | 0·823 | 58 | 188 | S by W | 20 | ... | Fine : lg. zenith : th. |
| 30 | 29·674 | 0·113 | 90·2 | 77·9 | 102·6 | 84·4 | 148·3 | 83·0 | 0·791 | 55 | 231 | South | 17 | ... | Do. |
| 31 | 29·593 | 0·148 | 94·7 | 79·1 | 108·9 | 85·1 | 157·1 | 83·8 | 0·814 | 48 | 255 | S W | 30 | ... | Fine with passing clouds : lg. N. W. |
| Mean | 29·721 | 0·122 | 88·2 | 78·8 | 100·4 | 81·5 | 148·9 | 79·7 | 0·862 | 65 | 220 | S by E | 39 | 0·26 | |

# Madras Meteorological Observations. 1881—June.

| June 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·585 | 0·158 | 90·6 | 78·8 | 102·8 | 87·5 | 145·2 | 86·7 | 0·827 | 57 | 200 | SW by S | 100 | ... | Overcast. |
| 2 | 29·626 | 0·076 | 86·3 | 76·1 | 92·3 | 78·6 | 110·9 | 75·1 | 0·764 | 61 | 249 | West | 95 | 0·11 | Cloudy: rain. |
| 3 | 29·626 | 0·147 | 87·8 | 76·1 | 96·5 | 79·2 | 131·4 | 77·6 | 0·744 | 57 | 186 | NW by W | 83 | 0·02 | Cloudy. |
| 4 | 29·616 | 0·136 | 90·2 | 77·9 | 99·8 | 80·5 | 142·7 | 77·5 | 0·791 | 56 | 211 | W by S | 80 | 0·02 | Do. |
| 5 | 29·616 | 0·109 | 90·3 | 79·8 | 100·4 | 80·4 | 145·1 | 74·7 | 0·876 | 62 | 190 | W by S | 80 | 0·03 | Do. |
| 6 | 29·603 | 0·159 | 90·1 | 79·2 | 103·9 | 85·3 | 151·7 | 83·1 | 0·851 | 60 | 181 | SW by S | 70 | ... | Do. |
| 7 | 29·635 | 0·100 | 89·2 | 78·0 | 101·7 | 85·0 | 140·7 | 83·7 | 0·809 | 59 | 169 | S by W | 67 | ... | Passing clouds. |
| 8 | 29·649 | 0·113 | 87·2 | 77·1 | 99·8 | 80·6 | 148·9 | 79·7 | 0·796 | 62 | 227 | S S W | 67 | 0·11 | Cloudy: rain. |
| 9 | 29·684 | 0·122 | 83·1 | 76·1 | 95·0 | 75·1 | 145·0 | 74·0 | 0·807 | 71 | 179 | S W | 83 | 1·18 | Do. : do. |
| 10 | 29·694 | 0·117 | 84·2 | 76·4 | 94·3 | 79·7 | 131·7 | 75·7 | 0·806 | 68 | 168 | S W | 95 | ... | Cloudy. |
| 11 | 29·712 | 0·140 | 84·4 | 75·1 | 97·5 | 77·9 | 142·7 | 75·7 | 0·747 | 63 | 168 | S W | 93 | 0·50 | Cloudy with thunderstorm. |
| 12 | 29·681 | 0·141 | 83·9 | 76·4 | 95·8 | 77·1 | 141·7 | 74·7 | 0·810 | 69 | 223 | SW by S | 67 | 0·02 | Cloudy. |
| 13 | 29·722 | 0·114 | 86·4 | 75·9 | 96·5 | 80·9 | 130·7 | 79·0 | 0·754 | 60 | 151 | S W | 93 | 0·04 | Do. |
| 14 | 29·743 | 0·134 | 87·6 | 75·6 | 97·2 | 81·7 | 133·0 | 79·7 | 0·725 | 56 | 169 | S S W | 90 | ... | Do. |
| 15 | 29·683 | 0·156 | 87·2 | 75·5 | 101·5 | 82·0 | 147·0 | 80·7 | 0·726 | 57 | 202 | SW by S | 80 | 0·07 | Do. |
| 16 | 29·709 | 0·125 | 87·1 | 75·9 | 102·1 | 81·2 | 150·6 | 78·7 | 0·744 | 58 | 258 | S S W | 47 | ... | Fine with passing clouds. |
| 17 | 29·746 | 0·107 | 86·6 | 76·5 | 101·2 | 81·1 | 149·2 | 78·7 | 0·778 | 62 | 197 | South | 43 | ... | Passing clouds. |
| 18 | 29·757 | 0·095 | 87·0 | 77·0 | 99·0 | 80·1 | 146·2 | 77·5 | 0·794 | 62 | 198 | S S E | 47 | ... | Do. |
| 19 | 29·749 | 0·076 | 86·9 | 78·4 | 98·8 | 81·5 | 152·6 | 80·3 | 0·858 | 67 | 204 | S by E | 33 | 0·04 | Do. |
| 20 | 29·764 | 0·089 | 85·1 | 77·1 | 100·4 | 77·5 | 148·4 | 75·7 | 0·824 | 68 | 212 | South | 50 | 0·02 | Passing clouds: th. and lg. |
| 21 | 29·756 | 0·120 | 87·1 | 78·4 | 100·8 | 78·8 | 147·6 | 77·7 | 0·855 | 66 | 149 | South | 40 | 0·01 | Fine with passing clouds. |
| 22 | 29·705 | 0·077 | 86·8 | 77·2 | 101·6 | 80·5 | 148·4 | 80·0 | 0·806 | 63 | 144 | S S E | 27 | 0·09 | Fine with passing clouds: th. |
| 23 | 29·690 | 0·116 | 86·5 | 77·2 | 96·5 | 80·0 | 124·2 | 77·7 | 0·809 | 64 | 81 | South | 83 | ... | Cloudy. |
| 24 | 29·733 | 0·098 | 86·4 | 76·4 | 100·1 | 81·3 | 137·9 | 80·1 | 0·776 | 61 | 151 | S by W | 97 | ... | Overcast. |
| 25 | 29·706 | 0·111 | 87·3 | 75·9 | 98·5 | 80·4 | 136·2 | 78·5 | 0·741 | 57 | 196 | S by W | 90 | ... | Cloudy. |
| 26 | 29·707 | 0·087 | 83·4 | 77·0 | 90·7 | 78·6 | 115·6 | 76·5 | 0·842 | 73 | 104 | N W | 90 | 0·01 | Do. |
| 27 | 29·693 | 0·144 | 86·9 | 76·1 | 101·8 | 80·6 | 148·6 | 78·7 | 0·756 | 59 | 186 | S S E | 63 | ... | Passing clouds. |
| 28 | 29·710 | 0·108 | 87·5 | 79·2 | 97·9 | 82·7 | 147·5 | 81·7 | 0·887 | 68 | 186 | S S E | 47 | ... | Do. |
| 29 | 29·734 | 0·104 | 85·2 | 77·7 | 96·4 | 78·6 | 149·4 | 77·5 | 0·850 | 70 | 175 | S by W | 43 | ... | Fine with passing clouds: lg. W. |
| 30 | 29 698 | 0·154 | 87·7 | 79·2 | 99·2 | 79·9 | 146·9 | 78·2 | 0·884 | 67 | 193 | SW by S | 53 | 0·06 | Fine with passing clouds. |
| Mean | 29·691 | 0·118 | 86·9 | 77·1 | 98·7 | 80·5 | 141·3 | 78·5 | 0·801 | 63 | 184 | SW by S | 70 | 2·33 | |

# Madras Meteorological Observations. 1881—July.

| July 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·686 | 0·130 | 86·3 | 75·4 | 99·1 | 78·5 | 142·2 | 75·8 | 0·734 | 58 | 217 | West | 87 | ... | Cloudy. |
| 2 | 29·666 | 0·121 | 88·8 | 73·8 | 97·7 | 81·7 | 134·5 | 80·4 | 0·633 | 47 | 250 | West | 87 | ... | Do. |
| 3 | 29·662 | 0·121 | 90·6 | 75·3 | 99·0 | 83·7 | 140·5 | 82·4 | 0·672 | 46 | 272 | S W by W | 80 | ... | Do. |
| 4 | 29·724 | 0·139 | 92·2 | 75·9 | 103·5 | 84·0 | 156·9 | 82·8 | 0·676 | 44 | 268 | S W by W | 72 | ... | Do. |
| 5 | 29·749 | 0·154 | 91·7 | 74·7 | 102·7 | 83·2 | 152·7 | 81·9 | 0·632 | 44 | 271 | S W | 67 | ... | Do. |
| 6 | 29·727 | 0·141 | 89·7 | 76·7 | 101·0 | 83·5 | 147·5 | 82·4 | 0·744 | 53 | 287 | S W by W | 67 | 0·01 | Do. |
| 7 | 29·763 | 0·140 | 88·0 | 77·0 | 103·7 | 83·1 | 156·0 | 81·2 | 0·780 | 59 | 238 | S W by S | 60 | ... | Passing clouds : lg. |
| 8 | 29·746 | 0·165 | 87·1 | 75·2 | 103·2 | 79·9 | 156·6 | 77·9 | 0·714 | 55 | 186 | W by S | 73 | 0·04 | Cloudy. |
| 9 | 29·701 | 0·146 | 88·1 | 75·8 | 102·9 | 81·5 | 151·4 | 78·6 | 0·727 | 55 | 214 | S W by S | 73 | 0·21 | Cloudy : rain. |
| 10 | 29·724 | 0·134 | 85·5 | 76·2 | 101·5 | 79·9 | 149·0 | 78·8 | 0·779 | 63 | 232 | S S W | 77 | ... | Chiefly overcast |
| 11 | 29·720 | 0·139 | 89·4 | 76·0 | 102·8 | 81·3 | 154·5 | 79·3 | 0·717 | 51 | 274 | S W | 60 | ... | Passing clouds. |
| 12 | 29·705 | 0·140 | 86·6 | 76·0 | 103·2 | 81·9 | 151·7 | 80·1 | 0·756 | 60 | 238 | S W by S | 67 | 0·15 | Cloudy with rain. |
| 13 | 29·759 | 0·085 | 86·2 | 76·4 | 101·3 | 80·6 | 150·5 | 78·9 | 0·779 | 62 | 245 | S W by S | 67 | 0·20 | Do. |
| 14 | 29·756 | 0·170 | 84·8 | 75·4 | 103·2 | 77·9 | 154·3 | 76·2 | 0·754 | 63 | 199 | S S W | 50 | 0·05 | Morning fine : day cloudy. |
| 15 | 29·703 | 0·161 | 89·6 | 74·9 | 104·3 | 81·0 | 148·8 | 78·9 | 0·669 | 48 | 245 | S W by S | 60 | ... | Passing clouds. |
| 16 | 29·665 | 0·135 | 88·8 | 74·5 | 99·4 | 82·2 | 145·4 | 81·4 | 0·662 | 49 | 279 | W S W | 57 | ... | Do. |
| 17 | 29·691 | 0·130 | 84·9 | 74·4 | 101·1 | 81·5 | 152·6 | 80·1 | 0·711 | 59 | 234 | S W | 57 | 0·08 | Do. |
| 18 | 29·749 | 0·125 | 85·2 | 76·5 | 98·2 | 77·3 | 149·4 | 76·7 | 0·796 | 66 | 186 | South | 57 | ... | Do. |
| 19 | 29·773 | 0·131 | 87·4 | 76·7 | 98·2 | 80·7 | 145·7 | 78·8 | 0·775 | 60 | 173 | S S E | 33 | ... | Fine with passing clouds. |
| 20 | 29·780 | 0·134 | 84·8 | 76·1 | 100·5 | 81·5 | 149·1 | 81·5 | 0·784 | 66 | 161 | S S W | 57 | 0·08 | Fine day : cloudy night : th. and lg. |
| 21 | 29·765 | 0·152 | 83·1 | 75·0 | 99·6 | 77·9 | 149·6 | 76·8 | 0·761 | 67 | 204 | S W by S | 63 | 1·01 | Fine day : thunderstorm. |
| 22 | 29·738 | 0·137 | 84·6 | 76·9 | 96·0 | 73·6 | 141·9 | 72·8 | 0·822 | 70 | 203 | S S W | 60 | 0·01 | Passing clouds. |
| 23 | 29·715 | 0·140 | 86·2 | 75·2 | 98·3 | 80·2 | 137·1 | 78·2 | 0·727 | 58 | 177 | S W by S | 60 | ... | Hazy. |
| 24 | 29·732 | 0·138 | 85·3 | 74·3 | 99·6 | 81·0 | 147·7 | 79·6 | 0·701 | 58 | 244 | S S W | 43 | ... | Fine with passing clouds. |
| 25 | 29·754 | 0·111 | 85·2 | 74·9 | 98·7 | 78·5 | 147·4 | 77·0 | 0·728 | 60 | 186 | South | 33 | ... | Fine day : cloudy night. |
| 26 | 29·746 | 0·109 | 86·0 | 76·1 | 97·2 | 80·5 | 143·6 | 79·5 | 0·768 | 61 | 180 | S by E | 30 | ... | Fine with light clouds. |
| 27 | 29·755 | 0·131 | 86·6 | 76·1 | 101·8 | 81·5 | 146·8 | 80·1 | 0·760 | 60 | 192 | South | 47 | ... | Do. |
| 28 | 29·782 | 0·098 | 86·3 | 77·7 | 100·4 | 81·8 | 147·1 | 80·9 | 0·834 | 67 | 200 | S by E | 57 | ... | Hazy. |
| 29 | 29·826 | 0·084 | 84·7 | 77·4 | 93·1 | 81·5 | 136·8 | 80·6 | 0·843 | 74 | 166 | S by E | 80 | ... | Do. |
| 30 | 29·799 | 0·137 | 84·7 | 77·7 | 97·4 | 80·6 | 152·5 | 79·6 | 0·856 | 72 | 200 | S by W | 70 | 0·48 | Cloudy } thunderstorm. |
| 31 | 29·764 | 0·149 | 83·0 | 75·4 | 92·2 | 73·5 | 131·5 | 72·2 | 0·779 | 69 | 158 | S W by S | 90 | 0·28 | Do. } thunderstorm. |
| Mean | 29·736 | 0·133 | 86·8 | 75·8 | 100·0 | 80·5 | 147·5 | 79·1 | 0·744 | 59 | 219 | S W by S | 63 | 2·60 | |

# Madras Meteorological Observations. 1881—August.

| August 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·704 | 0·109 | 84·2 | 74·0 | 92·0 | 79·1 | 116·9 | 77·9 | 0·703 | 60 | 140 | SW by W | 100 | ... | Overcast. |
| 2 | 29·643 | 0·129 | 84·1 | 74·3 | 93·4 | 80·1 | 131·4 | 77·9 | 0·717 | 60 | 249 | S W | 97 | ... | Do. |
| 3 | 29·689 | 0·114 | 84·2 | 74·1 | 96·3 | 78·6 | 151·0 | 76·9 | 0·708 | 60 | 184 | S S W | 90 | 0·01 | Cloudy. |
| 4 | 29·740 | 0·161 | 82·8 | 74·8 | 90·9 | 78·8 | 134·8 | 76·9 | 0·755 | 67 | 170 | S by W | 93 | ... | Cloudy : lg. S. |
| 5 | 29·737 | 0·149 | 82·9 | 75·1 | 95·6 | 78·9 | 140·4 | 77·9 | 0·767 | 68 | 174 | S W | 80 | ... | Cloudy. |
| 6 | 29·757 | 0·119 | 82·1 | 75·1 | 94·1 | 78·2 | 135·4 | 76·4 | 0·778 | 71 | 185 | S W | 93 | 0·67 | Overcast with heavy thunderstorm. |
| 7 | 29·788 | 0·111 | 78·4 | 74·9 | 91·4 | 73·8 | 137·1 | 73·3 | 0·819 | 84 | 203 | S by W | 80 | 2·35 | Cloudy with heavy thunderstorm. |
| 8 | 29·772 | 0·147 | 80·6 | 75·6 | 94·6 | 75·5 | 145·6 | 74·5 | 0·819 | 78 | 194 | SW by S | 77 | ... | Cloudy. |
| 9 | 29·747 | 0·131 | 81·9 | 76·0 | 93·3 | 76·7 | 141·7 | 75·6 | 0·819 | 75 | 172 | SW by W | 100 | ... | Overcast. |
| 10 | 29·731 | 0·116 | 81·8 | 75·3 | 90·1 | 77·6 | 120·5 | 75·9 | 0·791 | 73 | 190 | SW by S | 100 | 0·23 | Overcast : rain. |
| 11 | 29·751 | 0·108 | 83·3 | 76·3 | 93·7 | 76·3 | 147·8 | 75·2 | 0·813 | 71 | 214 | SW by S | 87 | 0·37 | Cloudy : rain. |
| 12 | 29·782 | 0·127 | 81·9 | 76·8 | 92·9 | 76·0 | 142·7 | 73·2 | 0·855 | 79 | 126 | South | 80 | 0·05 | Passing clouds : th. and lg. |
| 13 | 29·755 | 0·152 | 85·2 | 76·4 | 95·0 | 79·0 | 141·5 | 77·8 | 0·792 | 65 | 143 | S by E | 73 | ... | Cloudy. |
| 14 | 29·731 | 0·135 | 85·4 | 77·2 | 96·5 | 78·2 | 145·0 | 75·9 | 0·824 | 67 | 143 | S by W | 53 | ... | Passing clouds. |
| 15 | 29·753 | 0·110 | 85·1 | 77·5 | 95·9 | 79·0 | 150·2 | 77·9 | 0·843 | 70 | 178 | S by E | 47 | ... | Passing clouds : th. and lg. |
| 16 | 29·725 | 0·122 | 83·7 | 76·2 | 95·1 | 78·7 | 139·9 | 77·0 | 0·804 | 69 | 170 | S by W | 77 | ... | Cloudy. |
| 17 | 29·672 | 0·134 | 85·3 | 76·6 | 96·2 | 78·0 | 145·0 | 76·4 | 0·799 | 65 | 200 | S by W | 53 | ... | Passing clouds. |
| 18 | 29·659 | 0·124 | 86·1 | 75·4 | 96·5 | 79·6 | 144·9 | 77·0 | 0·737 | 59 | 196 | SW by W | 87 | ... | Cloudy. |
| 19 | 29·689 | 0·118 | 85·5 | 75·9 | 98·0 | 79·7 | 149·1 | 77·0 | 0·767 | 63 | 187 | S S W | 63 | 0·03 | Passing clouds. |
| 20 | 29·727 | 0·133 | 86·3 | 75·7 | 100·2 | 80·1 | 152·1 | 78·6 | 0·747 | 60 | 178 | S S W | 57 | ... | Do. |
| 21 | 29·760 | 0·122 | 77·9 | 74·7 | 80·4 | 74·9 | 90·3 | 73·4 | 0·818 | 85 | 94 | W S W | 100 | 0·56 | Overcast : rain. |
| 22 | 29·748 | 0·130 | 82·6 | 77·8 | 92·6 | 77·1 | 133·1 | 75·9 | 0·889 | 80 | 151 | SW by S | 67 | 0·02 | Cloudy. |
| 23 | 29·733 | 0·134 | 83·6 | 77·0 | 91·0 | 77·9 | 147·2 | 76·2 | 0·840 | 73 | 143 | South | 40 | ... | Fine with passing clouds. |
| 24 | 29·707 | 0·131 | 83·6 | 77·8 | 95·3 | 76·9 | 151·1 | 75·4 | 0·876 | 76 | 125 | S S W | 47 | ... | Passing clouds. |
| 25 | 29·725 | 0·090 | 81·9 | 77·8 | 93·5 | 75·7 | 147·1 | 74·8 | 0·899 | 83 | 103 | S by W | 43 | 0·37 | Passing clouds : fine night : th. & rain. |
| 26 | 29·722 | 0·121 | 83·3 | 77·4 | 92·0 | 77·3 | 141·1 | 75·0 | 0·861 | 75 | 117 | South | 13 | ... | Fine. |
| 27 | 29·770 | 0·114 | 82·8 | 77·2 | 95·0 | 76·0 | 149·5 | 73·0 | 0·860 | 77 | 132 | S by W | 50 | ... | Fine with light cl. : th. & lg. E. & W. |
| 28 | 29·780 | 0·119 | 83·9 | 77·6 | 94·1 | 77·1 | 149·5 | 75·5 | 0·863 | 74 | 182 | S S W | 47 | ... | Fine with light clouds : lg. |
| 29 | 29·775 | 0·151 | 83·0 | 76·7 | 95·2 | 75·5 | 147·2 | 73·8 | 0·836 | 74 | 149 | S S W | 40 | ... | Chiefly fine. |
| 30 | 29·816 | 0·120 | 80·2 | 75·9 | 87·8 | 75·9 | 118·7 | 74·8 | 0·838 | 81 | 70 | SW by W | 77 | 0·29 | Cloudy day : rain : fine night. |
| 31 | 29·801 | 0·148 | 83·5 | 78·1 | 93·6 | 76·6 | 150·9 | 74·9 | 0·890 | 77 | 102 | S S W | 40 | 0·13 | Passing clouds. |
| Mean | 29·738 | 0·127 | 83·1 | 76·2 | 93·6 | 77·5 | 140·0 | 75·9 | 0·841 | 72 | 160 | S S W | 69 | 5·08 | |

# Madras Meteorological Observations. 1881—September.

| September 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents. | Miles | Points | Cents | Inches | |
| 1 | 29·820 | 0·133 | 81·9 | 76·8 | 95·7 | 78·5 | 149·2 | ... | 0·855 | 79 | 169 | S W | 97 | 1·00 | Overcast with rain: th. and lg. |
| 2 | 29·836 | 0·109 | 80·3 | 75·7 | 90·3 | 72·8 | 136·1 | 70·9 | 0·828 | 80 | 159 | S S W | 83 | 0·10 | Cloudy with rain. |
| 3 | 29·829 | 0·114 | 84·0 | 76·8 | 94·8 | 77·8 | 146·3 | 76·7 | 0·826 | 71 | 162 | S by W | 40 | ... | Passing clouds. |
| 4 | 29·780 | 0·135 | 84·5 | 76·5 | 93·6 | 77·6 | 145·3 | 75·8 | 0·806 | 68 | 123 | SW by W | 57 | ... | Do. |
| 5 | 29·768 | 0·122 | 82·6 | 77·1 | 95·0 | 77·3 | 143·6 | 75·8 | 0·858 | 77 | 116 | S S W | 92 | 0·12 | Cloudy: rain. |
| 6 | 29·793 | 0·119 | 79·6 | 75·8 | 90·5 | 73·9 | 137·2 | 72·1 | 0·842 | 84 | 120 | SW by S | 90 | 0·19 | Overcast: rain. |
| 7 | 29·763 | 0·126 | 84·6 | 76·2 | 93·3 | 77·6 | 141·8 | 76·0 | 0·791 | 66 | 119 | W S W | 80 | 0·01 | Cloudy. |
| 8 | 29·757 | 0·147 | 81·7 | 76·2 | 90·4 | 76·6 | 113·9 | 74·1 | 0·831 | 77 | 108 | NWbyW | 100 | 0·03 | Overcast. |
| 9 | 29·718 | 0·111 | ·78·3 | 74·4 | 83·7 | 72·8 | 103·6 | 72·2 | 0·799 | 82 | 97 | W N W | 100 | 0·46 | Overcast: rain. |
| 10 | 29·682 | 0·103 | 82·3 | 75·4 | 88·2 | 75·7 | 140·8 | 74·8 | 0·788 | 71 | 113 | West | 95 | 0·11 | Cloudy: rain. |
| 11 | 29·712 | 0·121 | 84·1 | 76·8 | 92·1 | 76·2 | 150·1 | 74·6 | 0·824 | 71 | 145 | SW by W | 90 | ... | Cloudy. |
| 12 | 29·725 | 0·166 | 82·7 | 75·7 | 94·7 | 76·7 | 142·9 | 74·0 | 0·795 | 71 | 184 | SW by S | 73 | 0·59 | Cloudy: rain. |
| 13 | 29·719 | 0·120 | 81·5 | 75·6 | 91·1 | 74·1 | 144·6 | 73·9 | 0·808 | 75 | 146 | South | 60 | 0·04 | Passing clouds. |
| 14 | 29·778 | 0·109 | 82·1 | 75·6 | 93·6 | 76·6 | 152·1 | 74·8 | 0·799 | 73 | 138 | S W | 60 | ... | Do. |
| 15 | 29·821 | 0·087 | 82·7 | 76·0 | 94·5 | 76·1 | 157·4 | 74·0 | 0·808 | 72 | 121 | W by N | 47 | ... | Fine with passing clouds. |
| 16 | 29·825 | 0·113 | 83·4 | 77·5 | 92·4 | 77·0 | 148·7 | 74·1 | 0·865 | 75 | 104 | SW by S | 43 | ... | Do. |
| 17 | 29·829 | 0·165 | 83·0 | 76·2 | 94·1 | 74·6 | 150·2 | 73·1 | 0·813 | 72 | 142 | South | 43 | ... | Passing clouds. |
| 18 | 29·807 | 0·136 | 81·0 | 75·4 | 91·4 | 70·6 | 140·5 | 71·9 | 0·806 | 76 | 171 | SWbyW | 37 | 3·95 | Do. |
| 19 | 29·786 | 0·147 | 79·8 | 74·7 | 90·2 | 73·6 | 139·0 | 72·4 | 0·793 | 78 | 153 | W S W | 90 | 0·72 | Cloudy: heavy thunderstorm. |
| 20 | 29·783 | 0·138 | 81·5 | 74·5 | 90·3 | 75·4 | 137·6 | 73·1 | 0·761 | 71 | 176 | SWbyW | 83 | ... | Cloudy. |
| 21 | 29·790 | 0·122 | 81·1 | 74·6 | 88·0 | 75·4 | 110·5 | 73·1 | 0·770 | 73 | 105 | SWbyW | 87 | 0·10 | Do. |
| 22 | 29·813 | 0·133 | 82·4 | 75·2 | 92·0 | 76·0 | 150·7 | 74·1 | 0·778 | 71 | 115 | S W | 87 | 0·02 | Cloudy: lg. |
| 23 | 29·802 | 0·125 | 79·9 | 75·9 | 94·4 | 76·6 | 151·6 | 73·9 | 0·842 | 82 | 93 | S S W | 70 | 0·56 | Cloudy: rain. |
| 24 | 29·761 | 0·128 | 83·4 | 78·3 | 94·6 | 77·4 | 151·6 | 75·9 | 0·902 | 79 | 118 | S by W | 37 | ... | Fine with passing clouds. |
| 25 | 29·775 | 0·154 | 83·8 | 74·5 | 94·8 | 76·5 | 143·9 | 74·1 | 0·730 | 63 | 95 | S W | 30 | ... | Do. |
| 26 | 29·772 | 0·119 | 84·3 | 76·2 | 97·8 | 77·2 | 145·7 | 74·2 | 0·796 | 68 | 119 | S by W | 10 | ... | Fine. |
| 27 | 29·795 | 0·129 | 84·3 | 77·8 | 97·9 | 79·8 | 151·5 | 78·4 | 0·866 | 74 | 133 | S S W | 33 | ... | Fine with passing clouds. |
| 28 | 29·800 | 0·150 | 80·5 | 75·8 | 88·6 | 77·2 | 139·6 | 75·9 | 0·829 | 80 | 97 | S by W | 67 | ... | Cloudy. |
| 29 | 29·796 | 0·158 | 82·9 | 76·4 | 92·6 | 77·8 | 156·0 | 75·9 | 0·823 | 74 | 101 | S E | 40 | ... | Fine with passing clouds. |
| 30 | 29·802 | 0·139 | 82·8 | 76·5 | 89·7 | 77·3 | 149·3 | 75·1 | 0·829 | 75 | 104 | SE by S | 47 | 0·11 | Do. |
| Mean | 29·781 | 0·129 | 82·2 | 76·0 | 92·3 | 76·1 | 142·4 | 74·3 | 0·815 | 74 | 128 | S W | 66 | 8·11 | |

# Madras Meteorological Observations. 1881—October.

| October 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·803 | 0·150 | 82·3 | 76·1 | 95·9 | 76·5 | 148·8 | 74·3 | 0·818 | 74 | 149 | S S W | 30 | ... | Fine. |
| 2 | 29·768 | 0·136 | 81·7 | 75·9 | 92·3 | 74·0 | 148·8 | 73·1 | 0·818 | 76 | 111 | SWbyW | 63 | 0·64 | Cloudy: rain. |
| 3 | 29·758 | 0·162 | 82·8 | 77·0 | 93·6 | 77·2 | 141·6 | 75·5 | 0·851 | 76 | 106 | W S W | 60 | 0·01 | Passing clouds. |
| 4 | 29·737 | 0·148 | 83·7 | 76·7 | 90·0 | 78·6 | 120·7 | 76·7 | 0·825 | 72 | 136 | SW by W | 80 | 0·64 | Cloudy: thunderstorm. |
| 5 | 29·712 | 0·163 | 82·5 | 76·5 | 90·4 | 74·2 | 139·0 | 73·1 | 0·833 | 75 | 160 | SW by S | 83 | 0·57 | Cloudy: rain. |
| 6 | 29·715 | 0·096 | 83·2 | 75·8 | 93·5 | 78·4 | 151·4 | 76·3 | 0·792 | 69 | 144 | SW by W | 80 | ... | Cloudy. |
| 7 | 29·746 | 0·121 | 83·9 | 76·9 | 95·9 | 77·5 | 149·3 | 75·1 | 0·831 | 72 | 108 | SW by W | 53 | ... | Passing clouds. |
| 8 | 29·767 | 0·146 | 84·1 | 77·2 | 95·9 | 77·4 | 154·4 | 74·3 | 0·841 | 72 | 109 | S S W | 23 | ... | Fine with passing clouds. |
| 9 | 29·784 | 0·104 | 83·7 | 75·8 | 95·9 | 76·6 | 149·4 | 73·0 | 0·787 | 68 | 88 | SE by E | 43 | ... | Light clouds. |
| 10 | 29·802 | 0·091 | 83·6 | 76·7 | 96·0 | 77·0 | 154·0 | 72·2 | 0·826 | 72 | 72 | SE by S | 37 | ... | Fine with passing clouds. |
| 11 | 29·778 | 0·135 | 84·4 | 74·3 | 96·7 | 75·2 | 152·0 | 70·2 | 0·714 | 60 | 80 | S S E | 10 | ... | Fine. |
| 12 | 29·753 | 0·119 | 82·9 | 75·5 | 95·4 | 74·8 | 152·2 | 69·2 | 0·784 | 69 | 63 | SE by S | 10 | ... | Do. |
| 13 | 29·798 | 0·085 | 83·5 | 75·7 | 95·6 | 76·1 | 151·4 | 71·1 | 0·785 | 68 | 75 | S by E | 10 | ... | Do. |
| 14 | 29·848 | 0·087 | 82·3 | 76·0 | 93·6 | 75·8 | 156·0 | 71·3 | 0·814 | 74 | 69 | S S E | 17 | ... | Do. |
| 15 | 29·872 | 0·113 | 82·7 | 74·7 | 94·2 | 75·2 | 152·0 | 71·2 | 0·753 | 67 | 63 | E by S | 17 | ... | Do. |
| 16 | 29·858 | 0·140 | 82·1 | 74·6 | 92·6 | 75·1 | 153·3 | 71·0 | 0·757 | 69 | 77 | E N E | 27 | ... | Fine with passing clouds. |
| 17 | 29·864 | 0·151 | 81·8 | 74·1 | 91·1 | 73·9 | 155·1 | 69·5 | 0·740 | 68 | 76 | E S E | 17 | ... | Fine. |
| 18 | 29·900 | 0·130 | 82·3 | 73·1 | 91·4 | 78·1 | 150·1 | 68·1 | 0·692 | 61 | 86 | East | 33 | ... | Fine with passing clouds |
| 19 | 29·920 | 0·118 | 81·8 | 73·3 | 92·5 | 72·8 | 154·7 | 68·0 | 0·707 | 64 | 97 | E by N | 13 | ... | Fine. |
| 20 | 29·939 | 0·123 | 81·2 | 72·5 | 93·8 | 72·4 | 151·1 | 67·1 | 0·683 | 63 | 123 | NE by E | 13 | ... | Do. |
| 21 | 29·915 | 0·119 | 79·7 | 72·3 | 91·7 | 72·0 | 152·9 | 67·4 | 0·694 | 68 | 121 | N E | 30 | ... | Fine with passing clouds |
| 22 | 29·895 | 0·112 | 81·4 | 72·4 | 91·6 | 70·2 | 149·5 | 64·1 | 0·676 | 62 | 157 | N E | 20 | ... | Fine. |
| 23 | 29·916 | 0·114 | 82·0 | 70·6 | 92·7 | 71·8 | 149·1 | 67·4 | 0·596 | 55 | 159 | N E | 40 | ... | Fine with passing clouds. |
| 24 | 29·905 | 0·110 | 82·7 | 71·3 | 92·3 | 69·8 | 151·9 | 63·4 | 0·614 | 55 | 231 | NE by N | 40 | ... | Do. |
| 25 | 29·946 | 0·113 | 83·1 | 73·7 | 92·9 | 74·7 | 155·3 | 68·5 | 0·706 | 62 | 235 | NE by N | 27 | ... | Do. |
| 26 | 29·944 | 0·111 | 83·3 | 73·0 | 91·9 | 76·4 | 152·4 | 74·1 | 0·674 | 59 | 224 | NE by N | 33 | ... | Do. |
| 27 | 29·901 | 0·110 | 81·0 | 71·0 | 91·4 | 70·3 | 149·8 | 64·2 | 0·626 | 59 | 164 | N E | 17 | ... | Fine. |
| 28 | 29·878 | 0·124 | 80·1 | 70·8 | 90·7 | 68·8 | 147·1 | 63·8 | 0·630 | 60 | 165 | N E | 27 | ... | Fine with passing clouds. |
| 29 | 29·906 | 0·097 | 80·5 | 70·2 | 91·9 | 70·4 | 158·9 | 64·4 | 0·601 | 57 | 174 | N N E | 57 | ... | Passing clouds. |
| 30 | 29·864 | 0·116 | 82·0 | 74·1 | 93·1 | 72·6 | 156·5 | 67·3 | 0·737 | 68 | 174 | N N E | 47 | ... | Do. |
| 31 | 29·841 | 0·117 | 79·6 | 75·4 | 88·9 | 76·6 | 149·3 | 73·1 | 0·825 | 81 | 94 | N N E | 70 | 0·05 | Cloudy: th. |
| Mean | 29·840 | 0·121 | 82·3 | 74·3 | 93·1 | 74·5 | 150·3 | 70·3 | 0·743 | 67 | 125 | E S E | 36 | 1·91 | |

# Madras Meteorological Observations. 1881—November.

| November 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·867 | 0·108 | 78·6 | 75·7 | 84·6 | 75·8 | 114·6 | 73·5 | 0·850 | 87 | 66 | N by E | 90 | 0·42 | Overcast with rain. |
| 2 | 29·891 | 0·108 | 78·9 | 75·3 | 87·7 | 74·7 | 146·2 | 73·3 | 0·830 | 84 | 107 | N E | 90 | 0·25 | Do. |
| 3 | 29·875 | 0·107 | 76·5 | 74·6 | 83·9 | 74·0 | 139·7 | 72·3 | 0·831 | 91 | 76 | NE by E | 100 | 1·00 | Do. |
| 4 | 29·875 | 0·093 | 76·8 | 74·4 | 83·7 | 74·5 | 120·4 | 73·6 | 0·820 | 88 | 57 | NE by N | 100 | 0·24 | Do. |
| 5 | 29·928 | 0·132 | 79·3 | 75·2 | 86·3 | 73·6 | 143·5 | 72·7 | 0·821 | 82 | 70 | East | 73 | 0·74 | Cloudy : rain. |
| 6 | 29·874 | 0·131 | 80·1 | 75·5 | 88·3 | 76·2 | 143·4 | 74·9 | 0·823 | 80 | 158 | NE by E | 90 | 0·49 | Overcast : rain. |
| 7 | 29·849 | 0·128 | 79·3 | 74·6 | 86·8 | 71·6 | 140·0 | 70·7 | 0·795 | 80 | 191 | N E | 77 | 0·63 | Cloudy : rain. |
| 8 | 29·860 | 0·113 | 75·8 | 72·8 | 83·0 | 71·2 | 145·8 | 71·3 | 0·768 | 86 | 107 | NE by N | 97 | 1·24 | Do. : do. |
| 9 | 29·867 | 0·109 | 78·1 | 71·7 | 87·1 | 73·5 | 147·0 | 71·3 | 0·693 | 72 | 158 | N by E | 63 | ... | Passing clouds. |
| 10 | 29·837 | 0·109 | 78·8 | 73·5 | 87·1 | 71·7 | 148·2 | 68·9 | 0·756 | 77 | 153 | N N E | 57 | ... | Do. |
| 11 | 29·789 | 0·088 | 78·3 | 73·4 | 85·0 | 74·0 | 138·9 | 72·1 | 0·758 | 78 | 238 | North | 87 | ... | Overcast. |
| 12 | 29·583 | 0·259 | 68·9 | 66·9 | 77·0 | 65·6 | 78·0 | 66·3 | 0·634 | 90 | 530 | N N W | 100 | 8·19 | A moderate cyclone. |
| 13 | 29·797 | 0·026 | 72·2 | 68·2 | 78·2 | 69·5 | 136·4 | 69·7 | 0·638 | 81 | 285 | S E | 57 | ... | Stormy before sunrise : fine after. |
| 14 | 29·854 | 0·108 | 77·3 | 73·8 | 83·3 | 71·1 | 142·2 | 68·9 | 0·788 | 84 | 81 | E S E | 63 | 0·12 | Passing clouds : rain. |
| 15 | 29·879 | 0·110 | 77·9 | 74·4 | 86·2 | 74·0 | 143·4 | 73·5 | 0·805 | 84 | 71 | E N E | 67 | 0·06 | Cloudy. |
| 16 | 29·860 | 0·123 | 79·6 | 75·5 | 89·4 | 74·0 | 152·7 | 71·0 | 0·829 | 82 | 52 | N N E | 23 | ... | Fine with passing clouds. |
| 17 | 29·846 | 0·138 | 80·1 | 75·7 | 90·8 | 73·7 | 152·4 | 70·6 | 0·830 | 80 | 46 | N N E | 40 | ... | Do. |
| 18 | 29·820 | 0·145 | 80·4 | 75·9 | 89·0 | 74·9 | 155·6 | 72·0 | 0·835 | 80 | 58 | SE by E | 43 | ... | Do. |
| 19 | 29·827 | 0·120 | 79·6 | 74·8 | 88·7 | 75·5 | 148·1 | 72·7 | 0·799 | 79 | 92 | South | 53 | 1·51 | Passing cls. : a sharp thunderstorm. |
| 20 | 29·876 | 0·118 | 78·7 | 74·4 | 86·2 | 72·0 | 145·1 | 70·5 | 0·795 | 81 | 47 | S by E | 47 | ... | Passing clouds. |
| 21 | 29·902 | 0·131 | 79·5 | 75·2 | 87·2 | 74·7 | 146·0 | 72·6 | 0·818 | 81 | 129 | N E | 47 | 0·26 | Passing clouds : rain. |
| 22 | 29·919 | 0·105 | 77·6 | 72·0 | 86·7 | 72·8 | 142·6 | 70·2 | 0·711 | 75 | 197 | N N E | 53 | ... | Fine with passing clouds. |
| 23 | 29·934 | 0·123 | 76·7 | 69·5 | 83·5 | 72·6 | 138·2 | 72·0 | 0·626 | 69 | 182 | North | 17 | ... | Do. |
| 24 | 29·948 | 0·117 | 75·3 | 70·4 | 83·4 | 70·2 | 141·9 | 67·0 | 0·679 | 77 | 163 | North | 13 | ... | Fine. |
| 25 | 29·937 | 0·118 | 76·0 | 70·6 | 84·4 | 67·8 | 141·7 | 65·0 | 0·677 | 75 | 184 | N by E | 30 | ... | Fine with passing clouds. |
| 26 | 29·938 | 0·117 | 77·1 | 70·8 | 85·2 | 70·5 | 145·1 | 68·0 | 0·670 | 72 | 191 | N by E | 37 | ... | Do. |
| 27 | 29·961 | 0·119 | 78·0 | 71·9 | 85·5 | 71·1 | 145·7 | 68·0 | 0·702 | 74 | 157 | N N E | 33 | ... | Do. |
| 28 | 29·966 | 0·129 | 77·6 | 71·6 | 85·0 | 68·7 | 146·4 | 64·8 | 0·695 | 74 | 220 | N by E | 50 | ... | Passing clouds. |
| 29 | 29·962 | 0·124 | 76·3 | 71·9 | 80·7 | 72·3 | 108·8 | 71·2 | 0·724 | 80 | 213 | N N E | 83 | 0·25 | Cloudy : rain. |
| 30 | 29·970 | 0·109 | 78·3 | 71·4 | 86·0 | 75·5 | 143·7 | 73·8 | 0·677 | 70 | 253 | NE by N | 80 | ... | Cloudy. |
| Mean | 29·876 | 0·119 | 77·6 | 73·1 | 85·3 | 72·6 | 139·4 | 70·7 | 0·756 | 80 | 151 | N E | 62 | 15·40 | |

*Note.*— 12th & 13th.—This cyclone was accompanied by a very high sea which did great damage to the Madras Harbour, but the wind at no time reached a very great velocity. The centre passed to the south of Madras. The lowest reading of the barometer was 29·51 at 4 P.M. on the 12th, and the strongest wind was between 11 P.M. on the 12th and 2 A.M. on the 13th, when it averaged 32 miles per hour. The rain was continuous from 1-30 A.M. to 8 P.M. on the 12th.

## Madras Meteorological Observations. 1881—December.

| December 1881 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·949 | 0·091 | 75·5 | 69·5 | 83·4 | 70·8 | 134·7 | 67·1 | 0·642 | 72 | 190 | NE by N | 70 | ... | Cloudy. |
| 2 | 29·916 | 0·102 | 75·7 | 69·2 | 84·6 | 67·8 | 113·9 | 63·2 | 0·628 | 71 | 191 | N N E | 63 | ... | Do. |
| 3 | 29·903 | 0·123 | 74·6 | 69·3 | 80·3 | 69·7 | 132·2 | 67·7 | 0·647 | 75 | 239 | N by E | 97 | ... | Do. |
| 4 | 29·929 | 0·093 | 75·6 | 69·4 | 83·1 | 71·3 | 131·4 | ... | 0·637 | 72 | 238 | N by E | 97 | ... | Do. |
| 5 | 29·970 | 0·113 | 77·4 | 69·8 | 85·6 | 71·8 | 141·9 | 70·2 | 0·628 | 67 | 282 | N N E | 57 | ... | Passing clouds. |
| 6 | 29·986 | 0·104 | 76·4 | 70·7 | 83·5 | 71·3 | 144·4 | 69·7 | 0·676 | 74 | 242 | North | 67 | ... | Do. |
| 7 | 29·964 | 0·120 | 75·5 | 70·0 | 84·8 | 70·0 | 145·3 | 68·1 | 0·661 | 75 | 246 | N by E | 30 | ... | Fine with passing clouds. |
| 8 | 29·937 | 0·135 | 75·2 | 68·8 | 83·4 | 68·1 | 144·2 | 63·7 | 0·620 | 71 | 262 | North | 73 | ... | Cloudy. |
| 9 | 29·861 | 0·105 | 76·6 | 73·3 | 83·0 | 75·0 | 119·2 | 73·7 | 0·777 | 85 | 214 | N N E | 100 | 0·84 | Cloudy : rain. |
| 10 | 29·882 | 0·118 | 76·2 | 73·9 | 79·2 | 74·0 | 120·4 | 73·4 | 0·807 | 90 | 179 | N by E | 100 | 0·60 | Overcast : rain. |
| 11 | 29·904 | 0·098 | 77·4 | 74·5 | 84·9 | 72·8 | 140·7 | 72·0 | 0·817 | 86 | 197 | N N E | 80 | 0·26 | Cloudy : rain. |
| 12 | 29·939 | 0·132 | 78·3 | 73·9 | 84·6 | 73·9 | 139·2 | 72·7 | 0·779 | 80 | 254 | N E | 77 | 0·31 | Do. : do. |
| 13 | 29·950 | 0·112 | 78·4 | 73·8 | 83·8 | 75·3 | 131·4 | 73·7 | 0·774 | 80 | 237 | N N E | 90 | 0·05 | Cloudy. |
| 14 | 29·937 | 0·106 | 78·6 | 73·6 | 85·2 | 75·8 | 141·9 | 73·9 | 0·763 | 78 | 258 | N N E | 53 | ... | Passing clouds. |
| 15 | 29·974 | 0·107 | 77·8 | 72·0 | 85·1 | 74·6 | 144·4 | 71·9 | 0·708 | 74 | 204 | NE by N | 47 | ... | Fine with passing clouds. |
| 16 | 30·027 | 0·127 | 75·9 | 70·0 | 83·4 | 69·0 | 140·3 | 65·2 | 0·655 | 73 | 189 | N N E | 43 | ... | Do. |
| 17 | 30·032 | 0·147 | 74·1 | 68·6 | 83·7 | 68·7 | 140·3 | 65·9 | 0·627 | 74 | 190 | N by E | 43 | ... | Passing clouds. |
| 18 | 30·003 | 0·137 | 75·4 | 68·8 | 83·8 | 66·8 | 141·5 | 63·0 | 0·617 | 71 | 192 | N N E | 57 | ... | Do. |
| 19 | 30·004 | 0·081 | 74·5 | 69·8 | 83·7 | 69·3 | 143·3 | 67·5 | 0·666 | 78 | 198 | N N E | 67 | ... | Do. |
| 20 | 29·999 | 0·128 | 74·1 | 71·4 | 78·7 | 70·9 | 98·1 | 69·5 | 0·734 | 87 | 182 | N by W | 100 | 0·10 | Overcast with rain. |
| 21 | 29·980 | 0·112 | 76·7 | 73·7 | 83·0 | 75·6 | 125·1 | 74·0 | 0·793 | 86 | 184 | NE by N | 97 | 1·41 | Do. |
| 22 | 29·986 | 0·120 | 76·5 | 70·3 | 82·4 | 72·3 | 139·5 | 70·8 | 0·659 | 72 | 205 | N N E | 43 | 0·03 | Passing clouds. |
| 23 | 30·006 | 0·107 | 74·3 | 69·6 | 82·9 | 67·0 | 140·1 | 63·8 | 0·661 | 78 | 131 | N N E | 40 | ... | Do. |
| 24 | 29·970 | 0·141 | 74·2 | 67·4 | 82·8 | 65·9 | 137·6 | 62·6 | 0·581 | 69 | 167 | N N E | 60 | ... | Do. |
| 25 | 29·964 | 0·103 | 74·1 | 67·6 | 83·5 | 69·8 | 142·3 | 66·0 | 0·590 | 70 | 100 | N N E | 53 | ... | Do. |
| 26 | 29·969 | 0·118 | 74·1 | 69·1 | 82·6 | 66·8 | 140·5 | 63·9 | 0·646 | 76 | 195 | N by E | 60 | ... | Do. |
| 27 | 29·968 | 0·109 | 76·0 | 71·4 | 85·1 | 69·8 | 143·1 | 66·4 | 0·709 | 79 | 199 | N by E | 70 | ... | Cloudy. |
| 28 | 29·887 | 0·149 | 75·1 | 72·2 | 80·2 | 72·3 | 104·7 | 70·8 | 0·752 | 86 | 247 | North | 100 | 0·02 | Overcast. |
| 29 | 29·871 | 0·110 | 74·7 | 73·1 | 78·9 | 73·5 | 100·3 | 71·6 | 0·795 | 93 | 323 | N by E | 100 | 1·45 | Overcast with rain. |
| 30 | 29·918 | 0·121 | 70·8 | 69·9 | 75·2 | 67·2 | 109·4 | 67·2 | 0·721 | 95 | 315 | N by W | 100 | 1·80 | Do. |
| 31 | 29·947 | 0·127 | 75·2 | 72·2 | 80·2 | 72·6 | 112·9 | 72·7 | 0·751 | 86 | 284 | N N E | 100 | 0·96 | Do. |
| Mean | 29·953 | 0·116 | 75·6 | 70·9 | 82·7 | 71·0 | 131·7 | 68·7 | 0·694 | 78 | 217 | N N E | 72 | 7·83 | |

## Madras Mean Monthly and Annual Meteorological Results in 1881.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·023 | 0·115 | 75·2 | 84·2 | 68·0 | 16·2 | 68·1 | 64·7 | 0·594 | 68 | 144·4 | 63·6 | 185 | 4 | N E | 0·52 | 3 | 52 |
| February | 30·018 | 0·127 | 75·4 | 86·3 | 65·7 | 20·6 | 68·3 | 62·8 | 0·598 | 68 | 146·1 | 59·7 | 98 | 7 | E by N | ... | ... | 78 |
| March | 29·934 | 0·128 | 80·2 | 89·6 | 72·5 | 17·1 | 73·4 | 70·3 | 0·736 | 71 | 145·9 | 68·9 | 152 | 12 | S E | ... | ... | 69 |
| April | 29·838 | 0·135 | 84·5 | 93·3 | 77·2 | 16·1 | 77·4 | 74·8 | 0·847 | 72 | 145·5 | 74·3 | 198 | 13 | S E by S | ... | ... | 73 |
| May | 29·721 | 0·122 | 88·2 | 100·4 | 81·5 | 18·9 | 78·8 | 75·9 | 0·862 | 65 | 148·9 | 79·7 | 220 | 15 | S by E | 0·26 | 1 | 61 |
| June | 29·691 | 0·118 | 86·9 | 98·7 | 80·5 | 18·2 | 77·1 | 73·8 | 0·801 | 63 | 141·3 | 78·5 | 184 | 19 | S W by S | 2·33 | 16 | 30 |
| July | 29·736 | 0·133 | 86·8 | 100·0 | 80·5 | 19·5 | 75·8 | 73·0 | 0·744 | 59 | 147·5 | 79·1 | 219 | 19 | S W by S | 2·60 | 12 | 37 |
| August | 29·738 | 0·127 | 83·1 | 93·6 | 77·5 | 16·1 | 76·2 | 73·1 | 0·811 | 72 | 140·0 | 75·9 | 160 | 18 | S S W | 5·08 | 12 | 31 |
| September | 29·781 | 0·129 | 82·2 | 92·3 | 76·1 | 16·2 | 76·0 | 73·1 | 0·815 | 74 | 142·4 | 74·3 | 128 | 20 | S W | 8·11 | 16 | 34 |
| October | 29·840 | 0·121 | 82·3 | 93·1 | 74·5 | 18·6 | 74·3 | 71·7 | 0·743 | 67 | 150·3 | 70·3 | 125 | 10 | E S E | 1·91 | 5 | 64 |
| November | 29·876 | 0·119 | 77·6 | 85·3 | 72·6 | 12·7 | 73·1 | 70·5 | 0·756 | 80 | 139·4 | 70·7 | 151 | 4 | N E | 15·40 | 14 | 38 |
| December | 29·953 | 0·116 | 75·6 | 82·7 | 71·0 | 11·7 | 70·9 | 68·4 | 0·694 | 78 | 131·7 | 68·7 | 217 | 2 | N N E | 7·83 | 12 | 28 |
| Annual | 29·846 | 0·124 | 81·5 | 91·6 | 74·8 | 16·8 | 74·1 | 71·0 | 0·750 | 70 | 143·6 | 72·0 | 170 | 12 | S E | 44·04 | 91 | 50 |

## Madras Extreme Monthly Meteorological Records in 1881.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·136 | 15 | 29·906 | 12 | 0·230 | 86·4 | 7 | 60·4 | 31 | 58·6 | 27 | 41 | 28 | 149·3 | 29 | 55·2 | 27 | 306 | 15 | 72 | 3 | 0·42 | 12 |
| February | 30·196 | 7 | 29·875 | 28 | 0·321 | 88·5 | 18 | 61·6 | 10 | 58·3 | 10 | 41 | 8 | 153·5 | 18 | 55·1 | 10 | 198 | 8 | 46 | 22 | ... | ... |
| March | 30·046 | 20 | 29·787 | 5 | 0·259 | 92·9 | 15 | 64·5 | 1 | 63·4 | 3 | 39 | 2 | 150·5 | 19 | 60·4 | 1 | 211 | 17 | 63 | 2 | ... | ... |
| April | 29·986 | 7 | 29·655 | 28 | 0·331 | 100·1 | 28 | 73·8 | 2 | 71·9 | 2 | 37 | 29 | 149·1 | 27 | 70·8 | 2 | 281 | 10 | 111 | 7 | ... | ... |
| May | 29·880 | 11 | 29·506 | 23 | 0·374 | 112·9 | 21 | 74·9 | 25 | 70·8 | 25 | 32 | 30 | 159·2 | 21 | 72·0 | 25 | 286 | 19 | 143 | 3 | 0·26 | 25 |
| June | 29·806 | 14 | 29·510 | 1 | 0·296 | 103·9 | 6 | 75·1 | 9 | 68·1 | 16 | 37 | 3 | 152·6 | 19 | 74·0 | 9 | 258 | 16 | 81 | 23 | 1·18 | 9 |
| July | 29·858 | 29 | 29·589 | 3 | 0·269 | 104·3 | 15 | 73·5 | 31 | 70·2 | 16 | 26 | 15 | 156·9 | 4 | 72·2 | 31 | 287 | 6 | 158 | 31 | 1·01 | 21 |
| August | 29·869 | 30 | 29·582 | 2 | 0·287 | 100·2 | 20 | 73·8 | 7 | 69·8 | 2 | 39 | 3 | 152·1 | 20 | 73·0 | 27 | 249 | 2 | 70 | 30 | 2·35 | 7 |
| September | 29·901 | 17 | 29·618 | 10 | 0·283 | 97·9 | 27 | 70·6 | 18 | 69·4 | 18 | 39 | 25 | 157·4 | 15 | 70·9 | 2 | 184 | 12 | 93 | 23 | 3·95 | 18 |
| October | 30·000 | 26 | 29·640 | 5 | 0·360 | 96·7 | 11 | 68·8 | 28 | 66·3 | 28 | 36 | 29 | 158·9 | 29 | 63·4 | 24 | 235 | 25 | 63 | 15 | 0·64 | 2 |
| November | 30·026 | 28 | 29·519 | 12 | 0·507 | 90·8 | 17 | 65·6 | 12 | 64·6 | 12 | 52 | 23 | 155·6 | 18 | 64·8 | 28 | 530 | 12 | 46 | 17 | 8·19 | 12 |
| December | 30·106 | 17 | 29·811 | 9 | 0·295 | 85·6 | 5 | 65·9 | 24 | 64·5 | 24 | 48 | 5 | 145·3 | 7 | 62·6 | 24 | 323 | 29 | 100 | 25 | 1·80 | 30 |

# Madras Meteorological Observations. 1882—January.

| January 1882 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·961 | 0·147 | 75·5 | 73·5 | 77·8 | 74·1 | 104·8 | 72·9 | 0·800 | 92 | 193 | N N E | 100 | 0·08 | Overcast. |
| 2 | 29·964 | 0·108 | 78·0 | 75·4 | 84·6 | 75·1 | 145·5 | 73·7 | 0·847 | 89 | 180 | N E | 73 | 0·19 | Passing clouds : rain. |
| 3 | 29·985 | 0·103 | 77·9 | 74·4 | 83·8 | 75·0 | 142·3 | 73·2 | 0·805 | 84 | 138 | E N E | 47 | ... | Fine with passing clouds. |
| 4 | 29·986 | 0·126 | 77·0 | 73·5 | 84·3 | 72·2 | 142·1 | 69·7 | 0·780 | 84 | 107 | East | 33 | ... | Do. |
| 5 | 29·976 | 0 128 | 77·7 | 74·1 | 84·2 | 72·4 | 137·1 | 69 8 | 0·796 | 84 | 78 | SE by E | 33 | ... | Do. |
| 6 | 29 966 | 0·129 | 78·3 | 73·2 | 85·8 | 72·3 | 144·3 | 69·5 | 0 751 | 78 | 77 | SE by E | 23 | ... | Do. |
| 7 | 30·041 | 0·112 | 78·3 | 73·9 | 85·9 | 72·0 | 144·9 | 68·9 | 0·780 | 81 | 88 | E by S | 33 | ... | Passing clouds. |
| 8 | 30·055 | 0·122 | 76·6 | 72·4 | 84·7 | 71·7 | 136·9 | 68·8 | 0·741 | 82 | 86 | N E | 57 | ... | Do. |
| 9 | 30·050 | 0·112 | 75·1 | 70·4 | 84·7 | 70·3 | 142·1 | 66·1 | 0·682 | 79 | 120 | N E | 40 | ... | Fine with passing clouds. |
| 10 | 30·030 | 0·138 | 74·0 | 66·7 | 84·0 | 65·8 | 143·7 | 60·7 | 0·558 | 68 | 93 | N E | 17 | ... | Fine. |
| 11 | 30·040 | 0·129 | 71·7 | 64·8 | 84·4 | 63·8 | 143·8 | 59·0 | 0·522 | 68 | 82 | NE by N | 23 | ... | Fine with passing clouds. |
| 12 | 30 040 | 0·113 | 72·8 | 65·7 | 82·2 | 64·6 | 144·5 | 59·8 | 0·539 | 67 | 81 | N N E | 50 | ... | Do. |
| 13 | 30·039 | 0·108 | 74·1 | 68·6 | 84·4 | 64·6 | 144·6 | 59·9 | 0·627 | 74 | 119 | N by E | 47 | ... | Passing clouds. |
| 14 | 30·062 | 0·116 | 76·0 | 70·1 | 84·8 | 69·8 | 140·8 | 67·3 | 0·658 | 74 | 173 | N N E | 40 | ... | Do. |
| 15 | 30 067 | 0·135 | 75·0 | 69·9 | 84·1 | 68·5 | 143·1 | 64·9 | 0·665 | 77 | 122 | N N E | 50 | ... | Do. |
| 16 | 30·063 | 0·139 | 74·8 | 69·0 | 85·5 | 66·7 | 141·6 | 61·9 | 0·632 | 73 | 142 | N N E | 30 | ... | Fine with passing clouds. |
| 17 | 30·031 | 0·136 | 74·5 | 69·5 | 85·9 | 67·3 | 145·5 | 62·8 | 0·656 | 77 | 121 | N N E | 30 | ... | Do. |
| 18 | 30·078 | 0·107 | 76·6 | 68·7 | 85 2 | 68·3 | 140·5 | 64·0 | 0·596 | 66 | 194 | N N E | 23 | ... | Do. |
| 19 | 30·122 | 0·101 | 76·4 | 68·0 | 85·1 | 70·2 | 142·3 | 63·9 | 0·573 | 62 | 279 | N N E | 30 | ... | Do. |
| 20 | 30·107 | 0·123 | 75·4 | 66·1 | 84·6 | 67·1 | 142·6 | 61·7 | 0·518 | 60 | 237 | N N E | 47 | ... | Do. |
| 21 | 30·049 | 0·110 | 73·6 | 67·6 | 84·1 | 64·3 | 143·8 | 59·3 | 0 597 | 72 | 140 | N N E | 20 | ... | Do. |
| 22 | 30·025 | 0·108 | 75·6 | 67·1 | 85·2 | 66·0 | 141·3 | 61·7 | 0·551 | 62 | 163 | N N E | 20 | ... | Do. |
| 23 | 30·010 | 0·132 | 75·8 | 67·9 | 85·1 | 69·0 | 143·5 | 65·9 | 0·578 | 64 | 171 | N N E | 27 | ... | Do. |
| 24 | 30·008 | 0·122 | 73·8 | 66·5 | 86·4 | 65·0 | 141·5 | 59·6 | 0·554 | 68 | 124 | N N E | 30 | ... | Do. |
| 25 | 29·989 | 0·115 | 72·5 | 67·3 | 84·8 | 63·4 | 141·1 | 57·1 | 0·600 | 76 | 81 | NE by N | 30 | ... | Do. |
| 26 | 29·973 | 0·136 | 71·4 | 66·6 | 84·7 | 62·9 | 141·3 | 56·9 | 0·590 | 77 | 56 | N E | 47 | ... | Light passing clouds. |
| 27 | 29·976 | 0·125 | 71·3 | 66·5 | 82·8 | 60·8 | 142·8 | 54·8 | 0·588 | 76 | 55 | E N E | 20 | ... | Fine with passing clouds. |
| 28 | 30·017 | 0·107 | 71·9 | 66·1 | 84·6 | 60·9 | 141·2 | 54·9 | 0·565 | 72 | 67 | E N E | 10 | ... | Fine. |
| 29 | 30·009 | 0·121 | 71·9 | 65·9 | 85·3 | 62·7 | 141·5 | 57·2 | 0 558 | 71 | 67 | E by N | 13 | ... | Do. |
| 30 | 29·989 | 0·165 | 71·5 | 66·0 | 83·6 | 59·0 | 146·3 | 52·2 | 0·565 | 73 | 48 | E N E | 20 | ... | Do. |
| 31 | 30·013 | 0·120 | 74·7 | 69·6 | 84·1 | 65·9 | 143·3 | 60·9 | 0·657 | 76 | 96 | East | 43 | ... | Fine with light clouds. |
| Mean | 30·023 | 0·122 | 74·8 | 69·2 | 84·4 | 67·5 | 141·3 | 63·2 | 0·643 | 74 | 122 | N E | 36 | 0·27 | |

# Madras Meteorological Observations. 1882—February.

| February 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·020 | 0·119 | 74·0 | 68·8 | 85·6 | 65·0 | 144·3 | 59·4 | 0·636 | 76 | 89 | E by N | 37 | ... | Light passing clouds. |
| 2 | 29·980 | 0·122 | 71·8 | 66·1 | 84·9 | 62·6 | 142·8 | 55·2 | 0·566 | 73 | 59 | E N E | 10 | ... | Fine. |
| 3 | 29·952 | 0·113 | 70·8 | 65·2 | 82·9 | 60·0 | 139·0 | 52·5 | 0·548 | 73 | 68 | E by N | 10 | ... | Do. |
| 4 | 30·002 | 0·111 | 73·8 | 67·9 | 85·0 | 63·6 | 145·7 | 58·5 | 0·606 | 72 | 58 | E by N | 43 | ... | Fine with passing clouds. |
| 5 | 30·030 | 0·119 | 75·4 | 68·5 | 86·2 | 65·3 | 145·7 | 61·1 | 0·605 | 69 | 112 | NE by E | 40 | ... | Do. |
| 6 | 30·040 | 0·122 | 76·4 | 69·6 | 86·9 | 64·8 | 145·8 | 60·7 | 0·633 | 70 | 128 | N E | 23 | ... | Do. |
| 7 | 30·012 | 0·119 | 75·3 | 69·7 | 87·5 | 65·6 | 144·8 | 61·4 | 0·653 | 75 | 105 | NE by E | 30 | ... | Do. |
| 8 | 30·005 | 0·146 | 76·9 | 70·1 | 86·3 | 65·9 | 147·4 | 61·8 | 0·647 | 70 | 127 | NE by E | 40 | ... | Do. |
| 9 | 29·990 | 0·147 | 75·9 | 70·0 | 86·5 | 67·6 | 141·2 | 63·9 | 0·655 | 73 | 91 | NE by E | 23 | ... | Do. |
| 10 | 29·954 | 0·125 | 74·9 | 69·4 | 85·4 | 66·2 | 141·5 | 61·9 | 0·646 | 74 | 58 | E by N | 17 | ... | Fine. |
| 11 | 29·883 | 0·151 | 74·6 | 68·6 | 84·9 | 64·9 | 141·0 | 60·1 | 0·620 | 72 | 91 | S E | 0 | ... | Do. |
| 12 | 29·881 | 0·114 | 75·2 | 69·2 | 85·9 | 65·4 | 139·9 | 61·3 | 0·635 | 72 | 125 | S E | 3 | ... | Do. |
| 13 | 29·912 | 0·120 | 75·5 | 70·1 | 84·0 | 67·1 | 141·3 | 63·6 | 0·665 | 75 | 138 | SE by S | 20 | ... | Fine with passing clouds. |
| 14 | 29·902 | 0·148 | 75·9 | 70·2 | 85·0 | 67·1 | 140·2 | 63·3 | 0·663 | 74 | 125 | SE by S | 23 | ... | Do. |
| 15 | 29·895 | 0·170 | 77·2 | 71·7 | 87·0 | 67·9 | 142·1 | 64·9 | 0·704 | 75 | 148 | S S E | 20 | ... | Fine. |
| 16 | 29·889 | 0·147 | 78·7 | 72·7 | 87·7 | 71·4 | 144·7 | 68·1 | 0·724 | 74 | 137 | SE by S | 20 | ... | Fine with passing clouds. |
| 17 | 29·918 | 0·105 | 76·8 | 71·3 | 87·0 | 71·0 | 145·1 | 67·9 | 0·694 | 75 | 118 | SE by S | 40 | ... | Light passing clouds. |
| 18 | 29·921 | 0·104 | 76·8 | 71·7 | 88·5 | 68·7 | 145·4 | 64·9 | 0·710 | 77 | 126 | SE by S | 33 | ... | Fine with passing clouds. |
| 19 | 29·922 | 0·127 | 78·0 | 73·3 | 90·4 | 69·1 | 145·7 | 65·9 | 0·758 | 79 | 109 | S S E | 37 | ... | Do. |
| 20 | 29·923 | 0·122 | 79·1 | 73·5 | 89·0 | 72·4 | 143·3 | 70·0 | 0·752 | 76 | 138 | SE by S | 20 | ... | Do. |
| 21 | 29·914 | 0·151 | 78·5 | 72·5 | 89·3 | 69·8 | 145·8 | 66·2 | 0·719 | 74 | 100 | SE by E | 27 | ... | Do. |
| 22 | 29·946 | 0·138 | 77·5 | 70·4 | 87·6 | 69·3 | 143·4 | 65·9 | 0·650 | 69 | 84 | East | 23 | ... | Do. |
| 23 | 29·956 | 0·126 | 79·0 | 72·0 | 87·9 | 69·6 | 141·5 | 66·9 | 0·692 | 70 | 121 | E by N | 20 | ... | Do. |
| 24 | 29·973 | 0·139 | 79·1 | 72·3 | 89·3 | 70·5 | 146·1 | 67·9 | 0·703 | 71 | 135 | E N E | 40 | ... | Do. |
| 25 | 29·997 | 0·114 | 78·7 | 72·1 | 89·2 | 70·0 | 145·3 | 67·0 | 0·701 | 72 | 141 | N E | 20 | ... | Do. |
| 26 | 30·002 | 0·121 | 78·5 | 71·6 | 89·7 | 69·2 | 144·7 | 65·9 | 0·683 | 70 | 150 | NE by N | 27 | ... | Do. |
| 27 | 29·957 | 0·159 | 78·1 | 72·0 | 88·4 | 69·0 | 149·9 | 66·3 | 0·705 | 74 | 98 | E N E | 33 | ... | Do. |
| 28 | 29·957 | 0·143 | 78·8 | 72·3 | 88·2 | 70·4 | 142·5 | 66·3 | 0·707 | 72 | 117 | E by S | 23 | ... | Do. |
| | | | | | ... | | | | | | | | | | |
| | | | | | ... | | | | | | | | | | |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·955 | 0·130 | 76·5 | 70·5 | 87·0 | 67·5 | 143·8 | 63·5 | 0·667 | 73 | 110 | E by S | 25 | *Nil.* | |

## Madras Meteorological Observations. 1882—March.

| March 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·001 | 0·134 | 78·9 | 71·5 | 88·0 | 69·4 | 144·5 | 65·6 | 0·673 | 68 | 107 | E S E | 20 | ... | Fine. |
| 2 | 29·951 | 0·147 | 76·6 | 69·0 | 87·8 | 67·4 | 143·9 | 62·9 | 0·608 | 67 | 94 | E S E | 3 | ... | Do. |
| 3 | 29·897 | 0·162 | 74·6 | 68·0 | 86·8 | 63·4 | 141·6 | 59·7 | 0·598 | 70 | 89 | SE by E | 3 | ... | Do. |
| 4 | 29·905 | 0·128 | 75·2 | 68·9 | 86·4 | 64·6 | 140·6 | 60·7 | 0·626 | 71 | 100 | SE by S | 13 | ... | Fine with passing clouds. |
| 5 | 30·000 | 0·111 | 77·5 | 70·0 | 88·3 | 66·9 | 147·4 | 63·0 | 0·634 | 67 | 110 | SE by E | 37 | ... | Passing clouds. |
| 6 | 30·006 | 0·114 | 79·8 | 72·5 | 89·4 | 70·5 | 149·6 | 67·7 | 0·702 | 69 | 145 | E by N | 40 | ... | Fine with passing clouds. |
| 7 | 29·968 | 0·131 | 78·6 | 72·3 | 90·2 | 70·7 | 150·1 | 67·9 | 0·710 | 72 | 101 | NE by E | 47 | ... | Do. |
| 8 | 29·943 | 0·125 | 78·8 | 71·5 | 91·3 | 68·7 | 146·9 | 65·0 | 0·675 | 69 | 110 | E S E | 7 | ... | Fine. |
| 9 | 29·965 | 0·125 | 78·1 | 71·5 | 88·2 | 67·7 | 145·4 | 63·9 | 0·685 | 72 | 137 | S E | 27 | ... | Fine with passing clouds. |
| 10 | 29·955 | 0·141 | 76·9 | 68·5 | 88·3 | 68·2 | 142·6 | 63·9 | 0·585 | 63 | 96 | SE by E | 20 | ... | Fine. |
| 11 | 30·004 | 0·112 | 76·8 | 68·1 | 87·6 | 64·9 | 142·6 | 61·2 | 0·571 | 61 | 125 | S E | 20 | ... | Do. |
| 12 | 30·027 | 0·115 | 78·3 | 71·2 | 89·4 | 65·6 | 146·3 | 62·9 | 0·670 | 69 | 111 | SE by E | 20 | ... | Do. |
| 13 | 30·023 | 0·139 | 78·9 | 72·0 | 91·0 | 69·1 | 144·4 | 66·4 | 0·693 | 70 | 74 | E S E | 30 | ... | Fine with passing clouds. |
| 14 | 29·978 | 0·155 | 79·2 | 70·8 | 92·6 | 68·3 | 145·2 | 64·7 | 0·643 | 64 | 92 | E S E | 7 | ... | Fine. |
| 15 | 29·968 | 0·125 | 78·6 | 72·8 | 92·8 | 69·7 | 145·2 | 66·7 | 0·730 | 74 | 100 | SE by E | 17 | ... | Do. |
| 16 | 29·985 | 0·161 | 79·7 | 73·4 | 89·9 | 70·0 | 139·9 | 66·5 | 0·739 | 73 | 119 | S E | 30 | ... | Fine with passing clouds. |
| 17 | 29·958 | 0·149 | 79·2 | 72·4 | 89·1 | 72·0 | 143·8 | 69·5 | 0·706 | 71 | 101 | SE by E | 40 | ... | Do. |
| 18 | 29·934 | 0·165 | 79·6 | 72·7 | 91·0 | 68·3 | 144·3 | 64·1 | 0·712 | 70 | 125 | S by E | 40 | ... | Do. |
| 19 | 29·907 | 0·163 | 80·7 | 74·7 | 89·8 | 71·1 | 141·1 | 68·5 | 0·780 | 74 | 155 | S S E | 43 | ... | Do. |
| 20 | 29·902 | 0·121 | 81·5 | 75·3 | 89·4 | 74·0 | 140·4 | 71·1 | 0·795 | 74 | 165 | S S E | 60 | ... | Passing clouds. |
| 21 | 29·891 | 0·124 | 81·7 | 75·6 | 89·9 | 74·6 | 140·6 | 71·0 | 0·805 | 75 | 179 | S S E | 47 | ... | Do. |
| 22 | 29·856 | 0·155 | 81·7 | 75·0 | 90·6 | 72·5 | 144·9 | 71·8 | 0·779 | 73 | 166 | S S E | 37 | ... | Fine with passing clouds. |
| 23 | 29·839 | 0·159 | 82·1 | 75·7 | 93·6 | 73·9 | 144·8 | 70·8 | 0·803 | 73 | 192 | S S E | 13 | ... | Fine. |
| 24 | 29·775 | 0·141 | 82·9 | 76·2 | 95·1 | 76·1 | 144·0 | 74·7 | 0·814 | 72 | 228 | S by E | 10 | ... | Do. |
| 25 | 29·777 | 0·131 | 83·9 | 76·3 | 93·5 | 77·2 | 140·9 | 75·8 | 0·806 | 70 | 242 | S S E | 10 | ... | Do. |
| 26 | 29·810 | 0·150 | 84·9 | 77·6 | 96·3 | 78·3 | 147·3 | 76·8 | 0·849 | 71 | 268 | S by E | 7 | ... | Do. |
| 27 | 29·820 | 0·165 | 85·6 | 79·1 | 93·9 | 80·3 | 142·5 | 79·4 | 0·907 | 74 | 266 | S by E | 13 | ... | Do. |
| 28 | 29·832 | 0·123 | 84·9 | 78·2 | 92·4 | 80·7 | 143·6 | 80·0 | 0·876 | 73 | 278 | S by E | 37 | ... | Fine with passing clouds. |
| 29 | 29·840 | 0·129 | 84·7 | 78·4 | 91·8 | 79·7 | 142·2 | 78·8 | 0·888 | 74 | 249 | S S E | 23 | ... | Fine with light clouds. |
| 30 | 29·861 | 0·122 | 83·8 | 77·3 | 91·0 | 79·5 | 143·4 | 78·7 | 0·850 | 73 | 205 | SE by S | 33 | ... | Do. |
| 31 | 29·872 | 0·153 | 81·7 | 74·9 | 89·9 | 74·1 | 140·3 | 70·8 | 0·775 | 72 | 148 | S E | 27 | ... | Fine with passing clouds. |
| Mean | 29·918 | 0·138 | 80·2 | 73·3 | 90·5 | 71·5 | 143·9 | 68·7 | 0·732 | 71 | 151 | S E | 25 | *Nil.* | |

## Madras Meteorological Observations. 1882—April.

| April 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·857 | 0·127 | 82·3 | 75·7 | 91·4 | 74·2 | 144·1 | 70·8 | 0·801 | 74 | 148 | SE by S | 23 | ... | Fine with passing clouds. |
| 2 | 29·879 | 0·150 | 82·7 | 75·7 | 91·1 | 73·0 | 143·5 | 68·7 | 0·795 | 71 | 166 | S S E | 37 | ... | Do. |
| 3 | 29·864 | 0·173 | 83·4 | 76·8 | 92·6 | 76·5 | 150·6 | 73·4 | 0·834 | 73 | 166 | S by E | 30 | ... | Fine with light clouds. |
| 4 | 29·783 | 0·181 | 85·0 | 77·0 | 94·0 | 77·2 | 145·5 | 73·8 | 0·821 | 68 | 194 | South | 13 | ... | Do. |
| 5 | 29·795 | 0·131 | 84·8 | 77·0 | 94·0 | 79·0 | 144·3 | 76·8 | 0·824 | 69 | 229 | S by E | 23 | ... | Do. |
| 6 | 29·867 | 0·131 | 82·7 | 76·1 | 91·1 | 75·2 | 143·9 | 71·6 | 0·813 | 73 | 178 | S S E | 23 | ... | Fine. |
| 7 | 29·879 | 0·135 | 82·3 | 74·4 | 91·5 | 73·3 | 143·7 | 70·2 | 0·745 | 67 | 142 | SE by S | 17 | ... | Do. |
| 8 | 29·859 | 0·142 | 83·4 | 76·0 | 92·5 | 74·2 | 144·1 | 71·6 | 0·799 | 69 | 173 | S S E | 17 | ... | Do. |
| 9 | 29·855 | 0·133 | 84·1 | 76·7 | 91·9 | 77·1 | 143·2 | 74·6 | 0·820 | 70 | 182 | S S E | 23 | ... | Fine with light clouds. |
| 10 | 29·857 | 0·127 | 84·4 | 77·3 | 92·2 | 76·9 | 145·8 | 74·1 | 0·843 | 72 | 213 | S S E | 23 | ... | Do. |
| 11 | 29·819 | 0·141 | 84·3 | 77·3 | 92·4 | 77·5 | 147·1 | 74·6 | 0·844 | 72 | 193 | S S E | 30 | ... | Fine with passing clouds. |
| 12 | 29·818 | 0·123 | 85·3 | 77·6 | 93·0 | 78·9 | 148·9 | 76·4 | 0·844 | 70 | 181 | SE by S | 53 | ... | Passing clouds. |
| 13 | 29·821 | 0·119 | 86·0 | 78·1 | 94·2 | 80·1 | 145·2 | 77·6 | 0·855 | 68 | 134 | E S E | 60 | 0·04 | Cloudy. |
| 14 | 29·830 | 0·114 | 86·0 | 78·4 | 92·6 | 81·6 | 140·9 | 80·0 | 0·871 | 70 | 92 | S E | 80 | ... | Do. |
| 15 | 29·801 | 0·162 | 83·9 | 76·3 | 93·7 | 79·1 | 146·5 | 77·7 | 0·806 | 69 | 111 | S by W | 40 | ... | Fine with passing clouds. |
| 16 | 29·768 | 0·131 | 83·4 | 76·3 | 91·2 | 73·5 | 142·2 | 69·7 | 0·813 | 71 | 162 | S S E | 27 | ... | Do. |
| 17 | 29·773 | 0·162 | 84·2 | 77·2 | 93·7 | 76·0 | 143·6 | 73·1 | 0·840 | 72 | 179 | S by E | 27 | ... | Fine with light clouds. |
| 18 | 29·766 | 0·130 | 85·4 | 77·5 | 92·8 | 80·2 | 146·2 | 78·9 | 0·838 | 68 | 216 | S S E | 37 | ... | Fine with passing clouds |
| 19 | 29·787 | 0·135 | 85·0 | 77·1 | 92·5 | 77·8 | 145·9 | 74·2 | 0·825 | 68 | 206 | S S E | 50 | ... | Hazy. |
| 20 | 29·791 | 0·142 | 84·1 | 76·9 | 91·1 | 78·0 | 137·8 | 75·6 | 0·829 | 71 | 158 | S E by S | 67 | ... | Do. |
| 21 | 29·745 | 0·151 | 84·3 | 76·8 | 92·1 | 76·6 | 139·6 | 73·9 | 0·822 | 70 | 171 | S S E | 50 | ... | Light passing clouds. |
| 22 | 29·712 | 0·169 | 84·2 | 77·0 | 92·8 | 76·4 | 145·0 | 73·7 | 0·832 | 71 | 152 | S E | 27 | ... | Fine with passing clouds. |
| 23 | 29·701 | 0·136 | 85·1 | 77·4 | 93·5 | 77·9 | 148·7 | 75·7 | 0·838 | 69 | 139 | S E | 37 | ... | Do. |
| 24 | 29·733 | 0·136 | 86·7 | 79·3 | 94·9 | 81·1 | 145·4 | 78·5 | 0·902 | 70 | 120 | SE by E | 63 | ... | Cloudy: th. N. W. |
| 25 | 29·737 | 0·148 | 87·6 | 76·7 | 97·6 | 81·3 | 147·6 | 80·9 | 0·772 | 59 | 125 | S by W | 62 | ... | Cloudy. |
| 26 | 29·815 | 0·104 | 86·7 | 77·6 | 94·8 | 82·6 | 144·4 | 81·7 | 0·825 | 65 | 186 | S S E | 60 | ... | Do. |
| 27 | 29·842 | 0·093 | 84·9 | 77·8 | 93·4 | 79·3 | 142·0 | 77·0 | 0·858 | 72 | 152 | S S E | 17 | ... | Fine. |
| 28 | 29·836 | 0·144 | 83·6 | 76·5 | 92·2 | 76·4 | 141·6 | 73·3 | 0·818 | 71 | 153 | S S E | 13 | ... | Do. |
| 29 | 29·826 | 0·145 | 84·6 | 76·4 | 93·0 | 76·7 | 142·6 | 73·7 | 0·800 | 67 | 171 | S S E | 13 | ... | Do. |
| 30 | 29·834 | 0·111 | 84·5 | 76·5 | 93·7 | 76·0 | 141·6 | 73·0 | 0·806 | 68 | 162 | S S E | 13 | ... | Do. |
| Mean | 29·808 | 0·138 | 84·5 | 76·9 | 92·9 | 77·5 | 144·4 | 74·8 | 0·824 | 70 | 165 | S S E | 35 | 0·04 | |

## Madras Meteorological Observations. 1882—May.

| May 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·810 | 0·139 | 85·2 | 77·0 | 94·1 | 77·3 | 142·9 | 74·8 | 0·818 | 67 | 218 | S S E | 3 | ... | Fine. |
| 2 | 29·752 | 0·147 | 86·4 | 77·4 | 97·0 | 80·8 | 148·2 | 79·4 | 0·819 | 65 | 298 | S by E | 3 | ... | Do. |
| 3 | 29·724 | 0·159 | 86·9 | 78·0 | 97·6 | 80·6 | 147·3 | 79·1 | 0·839 | 65 | 301 | South | 33 | ... | Fine with passing clouds. |
| 4 | 29·744 | 0·143 | 89·2 | 78·6 | 98·3 | 82·6 | 147·5 | 81·7 | 0·836 | 61 | 260 | South | 20 | ... | Do. |
| 5 | 29·755 | 0·130 | 89·2 | 77·6 | 104·9 | 82·9 | 150·9 | 82·1 | 0·792 | 58 | 238 | S by W | 20 | ... | Fine. |
| 6 | 29·754 | 0·114 | 88·8 | 77·6 | 105·4 | 83·0 | 152·3 | 81·8 | 0·797 | 58 | 221 | S by W | 13 | ... | Do. |
| 7 | 29·785 | 0·111 | 86·4 | 77·3 | 96·6 | 80·0 | 146·5 | 78·4 | 0·815 | 65 | 199 | S by E | 40 | ... | Fine with passing clouds. |
| 8 | 29·823 | 0·140 | 87·4 | 79·2 | 95·0 | 82·0 | 147·1 | 80·8 | 0·888 | 68 | 317 | S by E | 17 | ... | Fine. |
| 9 | 29·840 | 0·110 | 85·5 | 78·0 | 94·9 | 81·2 | 143·6 | 79·8 | 0·859 | 70 | 229 | S S E | 40 | ... | Fine with passing clouds : lg. S. W. |
| 10 | 29·799 | 0·171 | 85·2 | 78·6 | 94·1 | 77·5 | 144·2 | 75·0 | 0·890 | 73 | 210 | S by E | 37 | ... | Fine with passing clouds. |
| 11 | 29·825 | 0·131 | 86·8 | 74·8 | 96·4 | 81·4 | 145·4 | 79·8 | 0·701 | 55 | 211 | S by E | 43 | ... | Do. |
| 12 | 29·816 | 0·136 | 86·0 | 77·7 | 94·6 | 78·9 | 143·4 | 76·6 | 0·810 | 67 | 172 | S by E | 27 | ... | Fine with light clouds. |
| 13 | 29·739 | 0·149 | 87·4 | 78·8 | 100·9 | 81·8 | 148·7 | 80·8 | 0·870 | 67 | 249 | South | 50 | ... | Passing clouds. |
| 14 | 29·738 | 0·207 | 85·3 | 77·2 | 99·0 | 79·3 | 147·5 | 77·3 | 0·826 | 68 | 183 | South | 57 | ... | Do. |
| 15 | 29·766 | 0·143 | 87·5 | 77·8 | 96·6 | 81·8 | 148·7 | 80·8 | 0·823 | 63 | 157 | S by E | 40 | ... | Light passing clouds. |
| 16 | 29·797 | 0·141 | 86·3 | 76·1 | 94·4 | 82·4 | 135·7 | 81·3 | 0·764 | 61 | 177 | South | 77 | ... | Cloudy. |
| 17 | 29·754 | 0·169 | 85·1 | 76·1 | 93·9 | 79·2 | 145·3 | 77·4 | 0·780 | 64 | 138 | S by E | 47 | ... | Passing clouds. |
| 18 | 29·710 | 0·147 | 83·3 | 76·4 | 91·4 | 79·3 | 138·7 | 77·8 | 0·817 | 71 | 125 | S S E | 77 | ... | Cloudy. |
| 19 | 29·700 | 0·116 | 83·9 | 77·9 | 92·3 | 78·9 | 141·0 | 77·0 | 0·876 | 75 | 107 | S E | 83 | 0·05 | Do. |
| 20 | 29·677 | 0·117 | 85·5 | 78·0 | 96·2 | 78·1 | 143·7 | 76·8 | 0·859 | 70 | 120 | E by N | 77 | ... | Do. |
| 21 | 29·629 | 0·148 | 89·1 | 78·5 | 104·8 | 80·9 | 152·7 | 79·8 | 0·833 | 61 | 194 | S S W | 50 | ... | Passing clouds. |
| 22 | 29·622 | 0·119 | 89·0 | 77·3 | 104·6 | 81·4 | 152·2 | 80·5 | 0·780 | 57 | 257 | S W | 47 | ... | Light passing clouds. |
| 23 | 29·622 | 0·111 | 90·3 | 80·0 | 107·9 | 83·2 | 155·1 | 82·8 | 0·887 | 62 | 238 | S by W | 37 | ... | Fine with passing clouds. |
| 24 | 29·660 | 0·119 | 89·9 | 78·0 | 105·0 | 82·9 | 149·7 | 81·8 | 0·799 | 56 | 242 | S by W | 50 | ... | Do. |
| 25 | 29·682 | 0·106 | 89·8 | 78·9 | 104·8 | 82·1 | 150·5 | 81·4 | 0·841 | 61 | 248 | S by W | 40 | ... | Passing clouds. |
| 26 | 29·683 | 0·096 | 88·4 | 79·1 | 100·2 | 82·9 | 149·3 | 82·1 | 0·870 | 65 | 249 | South | 30 | ... | Fine with passing clouds. |
| 27 | 29·734 | 0·133 | 85·0 | 77·5 | 93·9 | 82·8 | 148·3 | 82·0 | 0·844 | 70 | 162 | SE by S | 43 | ... | Do. |
| 28 | 29·759 | 0·109 | 86·2 | 79·0 | 93·1 | 82·1 | 143·0 | 79·8 | 0·895 | 71 | 237 | S S E | 37 | ... | Do. |
| 29 | 29·727 | 0·135 | 86·1 | 79·4 | 93·9 | 81·7 | 144·3 | 80·8 | 0·915 | 74 | 256 | S by E | 27 | ... | Do. |
| 30 | 29·703 | 0·125 | 86·5 | 78·5 | 92·3 | 80·9 | 139·7 | 79·8 | 0·868 | 69 | 263 | South | 17 | ... | Fine. |
| 31 | 29·705 | 0·171 | 87·4 | 76·9 | 98·9 | 79·4 | 144·3 | 77·8 | 0·784 | 60 | 203 | S by W | 23 | ... | Fine with passing clouds. |
| Mean | 29·737 | 0·135 | 86·9 | 77·8 | 97·8 | 80·9 | 146·4 | 79·6 | 0·833 | 65 | 215 | S by E | 39 | 0·05 | |

# Madras Meteorological Observations. 1882—June.

| June 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cent | Miles | Points | Cents | Inches | |
| 1 | 29·722 | 0·163 | 90·5 | 75·3 | 107·3 | 82·5 | 151·8 | 81·6 | 0·673 | 47 | 216 | W by S | 57 | 0·02 | Cloudy : duststorm at 4 P.M. : th. |
| 2 | 29·735 | 0·143 | 89·6 | 76·5 | 105·1 | 81·7 | 151·7 | 79·1 | 0·737 | 53 | 222 | S W | 63 | 0·01 | Cloudy : lg. |
| 3 | 29·729 | 0·147 | 86·3 | 75·1 | 103·8 | 78·1 | 147·6 | 75·0 | 0·721 | 58 | 172 | W S W | 77 | 0·42 | Cloudy : th. and lg. N. and E. : rain. |
| 4 | 29·688 | 0·152 | 89·9 | 74·1 | 103·6 | 76·9 | 151·4 | 75·5 | 0·631 | 44 | 245 | W S W | 37 | ... | Hot wind and passing clouds. |
| 5 | 29·637 | 0·177 | 90·5 | 74·1 | 102·6 | 81·2 | 153·3 | 79·1 | 0·622 | 44 | 319 | W S W | 63 | ... | Cloudy. |
| 6 | 29·569 | 0·198 | 91·3 | 74·8 | 102·0 | 84·3 | 151·0 | 82·7 | 0·641 | 44 | 321 | S W by W | 63 | ... | Passing clouds. |
| 7 | 29·565 | 0·165 | 90·7 | 75·0 | 100·0 | 83·2 | 150·9 | 82·5 | 0·657 | 46 | 358 | S W by W | 80 | ... | Cloudy. |
| 8 | 29·625 | 0·109 | 87·4 | 75·4 | 98·4 | 83·4 | 147·4 | 81·0 | 0·719 | 55 | 223 | S W | 77 | 0·05 | Do. |
| 9 | 29·630 | 0·136 | 89·0 | 74·6 | 97·3 | 83·5 | 130·3 | 82·5 | 0·663 | 48 | 306 | S W by W | 80 | ... | Do. |
| 10 | 29·627 | 0·125 | 89·8 | 74·4 | 101·9 | 81·7 | 151·6 | 80·4 | 0·644 | 45 | 364 | S W | 70 | ... | Do. |
| 11 | 29·633 | 0·106 | 90·2 | 74·6 | 100·3 | 83·9 | 150·6 | 82·5 | 0·649 | 46 | 376 | W S W | 80 | ... | Do. |
| 12 | 29·622 | 0·134 | 89·7 | 73·8 | 99·8 | 83·0 | 146·6 | 81·7 | 0·620 | 44 | 408 | W S W | 77 | ... | Do. |
| 13 | 29·653 | 0·125 | 89·5 | 73·1 | 98·3 | 83·4 | 146·6 | 82·3 | 0·595 | 43 | 365 | W S W | 80 | ... | Do. |
| 14 | 29·639 | 0·190 | 92·0 | 73·9 | 102·9 | 83·0 | 153·1 | 80·7 | 0·595 | 40 | 392 | W S W | 73 | ... | Do. |
| 15 | 29·648 | 0·138 | 89·6 | 74·7 | 102·7 | 85·3 | 154·9 | 84·4 | 0·660 | 47 | 361 | W by S | 57 | 0·02 | Passing clouds. |
| 16 | 29·664 | 0·157 | 92·0 | 73·6 | 103·1 | 83·3 | 149·1 | 82·6 | 0·583 | 39 | 318 | West | 57 | ... | Do. |
| 17 | 29·671 | 0·137 | 87·6 | 73·8 | 104·1 | 83·5 | 153·0 | 82·0 | 0·649 | 49 | 273 | S W | 67 | ... | Cloudy. |
| 18 | 29·716 | 0·099 | 87·6 | 74·5 | 99·5 | 83·9 | 153·9 | 83·1 | 0·679 | 52 | 217 | S by W | 63 | ... | Passing clouds. |
| 19 | 29·743 | 0·099 | 87·7 | 75·0 | 101·8 | 81·2 | 147·1 | 79·8 | 0·698 | 54 | 195 | South | 43 | ... | Fine with passing clouds. |
| 20 | 29·756 | 0·105 | 87·6 | 77·0 | 98·9 | 82·3 | 144·7 | 82·1 | 0·786 | 60 | 229 | South | 57 | ... | Passing clouds : lg. W |
| 21 | 29·747 | 0·117 | 86·8 | 77·0 | 101·6 | 81·0 | 150·3 | 78·4 | 0·797 | 62 | 243 | S by W | 50 | 0·01 | Passing clouds. |
| 22 | 29·767 | 0·099 | 84·7 | 74·6 | 102·5 | 80·9 | 149·4 | 79·6 | 0·722 | 61 | 239 | S by W | 53 | 1·48 | Light clouds : thunderstorm. |
| 23 | 29·751 | 0·122 | 82·9 | 76·3 | 101·0 | 73·0 | 144·7 | 72·6 | 0·819 | 73 | 202 | S by W | 57 | ... | Passing clouds. |
| 24 | 29·734 | 0·107 | 86·9 | 74·3 | 98·3 | 79·5 | 146·1 | 76·2 | 0·680 | 53 | 176 | S by W | 63 | ... | Light passing clouds. |
| 25 | 29·754 | 0·128 | 89·0 | 76·1 | 99·9 | 80·6 | 144·3 | 78·6 | 0·727 | 53 | 170 | S by W | 60 | ... | Do. |
| 26 | 29·757 | 0·123 | 88·0 | 76·9 | 97·6 | 81·9 | 145·0 | 80·2 | 0·776 | 59 | 186 | S S E | 47 | ... | Passing clouds. |
| 27 | 29·774 | 0·154 | 85·2 | 76·3 | 95·1 | 80·5 | 125·5 | 78·6 | 0·787 | 64 | 115 | W S W | 87 | ... | Cloudy. |
| 28 | 29·770 | 0·110 | 86·5 | 75·2 | 93·3 | 81·1 | 135·1 | 79·8 | 0·723 | 57 | 159 | S W | 60 | ... | Do. |
| 29 | 29·776 | 0·111 | 82·7 | 74·6 | 92·1 | 76·1 | 143·0 | 75·2 | 0·749 | 67 | 142 | S W | 93 | ... | Do. |
| 30 | 29·722 | 0·109 | 83·1 | 75·8 | 93·6 | 71·5 | 142·7 | 70·6 | 0·793 | 70 | 170 | S W | 87 | 1·99 | Th-storm with heavy rain : cloudy day. |
| Mean | 29·694 | 0·133 | 88·1 | 75·0 | 100·3 | 81·2 | 147·1 | 79·7 | 0·693 | 53 | 256 | S W | 66 | 4·00 | |

## Madras Meteorological Observations. 1882—July.

| July 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·713 | 0·120 | 82·0 | 74·1 | 85·5 | 76·9 | 100·1 | 75·6 | 0·737 | 67 | 217 | W by S | 100 | 0·09 | Overcast. |
| 2 | 29·688 | 0·127 | 80·6 | 74·4 | 86·8 | 76·3 | 116·2 | 74·6 | 0·769 | 73 | 132 | W by N | 100 | ... | Do. |
| 3 | 29·681 | 0·126 | 82·0 | 74·8 | 90·1 | 77·8 | 110·8 | 77·9 | 0·766 | 70 | 212 | W S W | 97 | 0·12 | Overcast : rain. |
| 4 | 29·710 | 0·090 | 84·2 | 72·7 | 94·0 | 76·7 | 138·6 | 74·6 | 0·650 | 56 | 296 | W by S | 93 | ... | Cloudy. |
| 5 | 29·703 | 0·129 | 83·4 | 72·9 | 91·0 | 80·5 | 125·0 | 79·6 | 0·669 | 59 | 263 | SW by W | 97 | 0·01 | Overcast. |
| 6 | 29·745 | 0·061 | 76·9 | 73·1 | 78·9 | 75·2 | 89·1 | 72·6 | 0·765 | 83 | 190 | S S W | 100 | 0·52 | Overcast : rain. |
| 7 | 29·771 | 0·122 | 77·5 | 72·8 | 82·5 | 74·0 | 105·8 | 71·8 | 0·745 | 79 | 235 | S by W | 100 | 0·15 | Do. : do. |
| 8 | 29·779 | 0·152 | 81·9 | 74·8 | 94·2 | 74·7 | 143·0 | 72·8 | 0·768 | 71 | 158 | S W | 80 | 0·58 | Cloudy : th. lg. and rain. |
| 9 | 29·753 | 0·172 | 82·9 | 76·4 | 95·1 | 76·5 | 143·1 | 75·3 | 0·823 | 73 | 188 | SW by W | 80 | 0·07 | Cloudy. |
| 10 | 29·765 | 0·110 | 83·3 | 74·3 | 93·9 | 77·3 | 136·2 | 75·8 | 0·728 | 63 | 158 | W by S | 80 | 0·09 | Do. |
| 11 | 29·755 | 0·105 | 82·9 | 74·7 | 86·2 | 78·2 | 120·9 | 76·9 | 0·750 | 66 | 146 | S W | 95 | ... | Do. |
| 12 | 29·728 | 0·128 | 85·5 | 72·8 | 91·5 | 77·9 | 129·3 | 75·4 | 0·637 | 52 | 233 | SW by W | 93 | ... | Do. |
| 13 | 29·675 | 0·170 | 84·2 | 73·4 | 96·2 | 79·4 | 140·7 | 78·4 | 0·679 | 58 | 207 | W S W | 83 | 0·08 | Do. |
| 14 | 29·687 | 0·144 | 84·9 | 73·7 | 97·0 | 77·2 | 141·1 | 75·5 | 0·682 | 57 | 204 | SW by W | 80 | ... | Cloudy : lg. W. |
| 15 | 29·724 | 0·130 | 85·3 | 74·0 | 94·7 | 79·9 | 131·6 | 78·9 | 0·689 | 57 | 272 | W S W | 87 | 0·13 | Cloudy : rain. |
| 16 | 29·715 | 0·143 | 86·0 | 74·0 | 94·8 | 77·8 | 137·0 | 76·4 | 0·679 | 55 | 253 | W S W | 87 | ... | Cloudy. |
| 17 | 29·687 | 0·137 | 86·9 | 73·4 | 94·1 | 78·6 | 136·2 | 76·5 | 0·642 | 50 | 214 | SW by W | 77 | ... | Do. |
| 18 | 29·683 | 0·140 | 88·2 | 73·8 | 99·9 | 80·1 | 147·9 | 78·6 | 0·641 | 48 | 250 | SW by W | 67 | ... | Passing clouds. |
| 19 | 29·704 | 0·119 | 84·7 | 73·3 | 97·3 | 80·3 | 139·0 | 78·8 | 0·667 | 57 | 264 | W S W | 77 | 0·06 | Cloudy. |
| 20 | 29·704 | 0·140 | 87·1 | 74·3 | 97·2 | 79·9 | 146·4 | 77·3 | 0·677 | 52 | 278 | S W | 80 | ... | Do. |
| 21 | 29·691 | 0·144 | 88·5 | 74·2 | 99·2 | 80·5 | 149·4 | 78·7 | 0·654 | 48 | 297 | W S W | 67 | ... | Passing clouds. |
| 22 | 29·665 | 0·121 | 84·5 | 75·3 | 100·0 | 79·8 | 150·9 | 78·1 | 0·754 | 64 | 266 | SW by S | 67 | 0·19 | Cloudy with rain. |
| 23 | 29·691 | 0·134 | 82·7 | 75·0 | 100·6 | 77·0 | 151·8 | 75·5 | 0·766 | 68 | 231 | SW by S | 73 | 0·51 | Do. |
| 24 | 29·727 | 0·128 | 82·7 | 76·2 | 97·6 | 75·8 | 150·0 | 74·7 | 0·817 | 73 | 210 | S S W | 57 | ... | Passing clouds. |
| 25 | 29·747 | 0·129 | 82·0 | 74·9 | 98·0 | 77·9 | 150·2 | 76·5 | 0·771 | 71 | 242 | SW by S | 57 | 0·06 | Do. |
| 26 | 29·740 | 0·157 | 83·6 | 75·3 | 98·2 | 77·0 | 145·4 | 75·5 | 0·767 | 66 | 193 | S S W | 53 | ... | Do. |
| 27 | 29·726 | 0·164 | 87·1 | 73·3 | 98·0 | 77·8 | 139·9 | 76·0 | 0·636 | 49 | 199 | W by S | 57 | ... | Do. |
| 28 | 29·678 | 0·177 | 87·2 | 73·6 | 99·7 | 79·8 | 150·8 | 78·7 | 0·647 | 50 | 261 | W S W | 67 | ... | Do. |
| 29 | 29·633 | 0·138 | 85·6 | 75·1 | 100·4 | 80·5 | 152·1 | 79·5 | 0·731 | 59 | 267 | S W | 70 | ... | Do. |
| 30 | 29·636 | 0·129 | 84·2 | 75·5 | 97·8 | 80·8 | 148·1 | 80·5 | 0·766 | 65 | 238 | S W | 67 | 0·42 | Cloudy with rain. |
| 31 | 29·660 | 0·108 | 81·1 | 72·8 | 94·6 | 77·2 | 142·6 | 75·7 | 0·696 | 66 | 219 | SW by W | 83 | 0·19 | Do. |
| Mean | 29·709 | 0·132 | 83·9 | 74·2 | 94·4 | 78·0 | 135·8 | 76·5 | 0·715 | 62 | 226 | SW by W | 80 | 3·27 | |

## Madras Meteorological Observations. 1882—August.

| August 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·659 | 0·161 | 82·5 | 74·7 | 96·7 | 77·8 | 150·1 | 77·7 | 0·756 | 68 | 218 | S W | 73 | 0·08 | Cloudy. |
| 2 | 29·695 | 0·139 | 83·1 | 74·3 | 98·1 | 76·6 | 151·8 | 74·7 | 0·731 | 64 | 231 | SW by S | 60 | 0·03 | Passing clouds. |
| 3 | 29·698 | 0·127 | 84·2 | 75·0 | 98·6 | 78·3 | 152·2 | 75·7 | 0·745 | 63 | 279 | SW by S | 53 | ... | Do. |
| 4 | 29·714 | 0·127 | 88·0 | 75·3 | 99·2 | 81·2 | 150·8 | 80·2 | 0·707 | 54 | 229 | S W | 67 | 0·01 | Do. |
| 5 | 29·707 | 0·165 | 87·4 | 73·9 | 98·9 | 80·8 | 147·6 | 79·9 | 0·656 | 50 | 298 | W S W | 77 | 0·03 | Cloudy. |
| 6 | 29·719 | 0·148 | 87·4 | 73·8 | 98·4 | 79·9 | 144·3 | 78·7 | 0·652 | 50 | 244 | W S W | 77 | ... | Do. |
| 7 | 29·729 | 0·134 | 86·6 | 73·6 | 98·3 | 81·8 | 155·3 | 80·7 | 0·655 | 52 | 260 | W S W | 97 | 0·19 | Overcast : rain. |
| 8 | 29·769 | 0·131 | 79·1 | 73·5 | 94·1 | 73·0 | 142·0 | 72·8 | 0·752 | 76 | 161 | SW by S | 77 | 0·22 | Cloudy : rain. |
| 9 | 29·707 | 0·161 | 81·8 | 75·1 | 95·9 | 74·8 | 152·0 | 73·4 | 0·782 | 73 | 177 | S W | 67 | 0·05 | Passing clouds. |
| 10 | 29·703 | 0·121 | 80·2 | 75·5 | 92·6 | 75·7 | 151·1 | 74·5 | 0·820 | 80 | 195 | South | 77 | 0·54 | Cloudy : rain. |
| 11 | 29·706 | 0·117 | 82·1 | 75·7 | 92·7 | 75·3 | 143·4 | 74·0 | 0·803 | 74 | 219 | South | 47 | ... | Fine with passing clouds. |
| 12 | 29·728 | 0·124 | 85·9 | 74·1 | 98·9 | 79·1 | 152·8 | 77·8 | 0·685 | 55 | 244 | W S W | 67 | 0·11 | Fine morning : cloudy day : rain. |
| 13 | 29·762 | 0·119 | 85·6 | 74·9 | 94·2 | 78·4 | 143·8 | 76·9 | 0·722 | 59 | 193 | W by S | 87 | ... | Chiefly overcast. |
| 14 | 29·774 | 0·123 | 85·2 | 74·5 | 95·8 | 78·9 | 144·8 | 78·0 | 0·713 | 59 | 207 | N N W | 73 | ... | Cloudy. |
| 15 | 29·745 | 0·130 | 84·4 | 74·7 | 95·4 | 77·9 | 133·6 | 75·7 | 0·732 | 62 | 145 | W by S | 80 | 0·02 | Do. |
| 16 | 29·770 | 0·114 | 84·7 | 74·4 | 95·3 | 79·4 | 148·6 | 78·0 | 0·716 | 59 | 165 | S by E | 97 | ... | Do. |
| 17 | 29·773 | 0·120 | 81·9 | 74·3 | 97·5 | 75·4 | 150·9 | 73·3 | 0·747 | 68 | 168 | S by E | 63 | 0·05 | Passing clouds. |
| 18 | 29·756 | 0·118 | 83·3 | 75·7 | 95·9 | 75·8 | 143·0 | 74·0 | 0·788 | 69 | 177 | S S W | 53 | ... | Fine with passing clouds. |
| 19 | 29·758 | 0·111 | 82·4 | 75·5 | 97·0 | 74·8 | 141·0 | 73·7 | 0·790 | 71 | 171 | S W | 70 | 0·31 | Passing clouds : rain. |
| 20 | 29·764 | 0·155 | 79·6 | 74·9 | 91·4 | 70·7 | 142·3 | 69·8 | 0·804 | 80 | 127 | S S W | 87 | 0·51 | Day overcast with rain : fine night. |
| 21 | 29·767 | 0·158 | 83·2 | 76·8 | 93·6 | 76·3 | 145·0 | 74·8 | 0·836 | 73 | 163 | South | 37 | ... | Fine with passing clouds. |
| 22 | 29·747 | 0·153 | 83·3 | 76·3 | 93·7 | 76·7 | 151·0 | 75·0 | 0·813 | 71 | 179 | S S W | 47 | ... | Passing clouds. |
| 23 | 29·729 | 0·171 | 84·6 | 76·6 | 95·4 | 79·5 | 151·4 | 77·8 | 0·809 | 66 | 177 | S by E | 50 | 0·01 | Fine with passing clouds. |
| 24 | 29·735 | 0·107 | 82·4 | 75·5 | 90·4 | 75·6 | 144·1 | 74·6 | 0·790 | 71 | 197 | South | 50 | ... | Passing clouds. |
| 25 | 29·744 | 0·138 | 84·2 | 76·7 | 93·6 | 77·1 | 152·1 | 75·8 | 0·819 | 70 | 185 | SE by E | 57 | ... | Do. |
| 26 | 29·768 | 0·131 | 79·8 | 74·8 | 86·6 | 73·4 | 112·5 | 72·0 | 0·796 | 78 | 115 | W S W | 100 | 0·45 | Thunderstorm : overcast. |
| 27 | 29·784 | 0·118 | 81·3 | 75·5 | 93·9 | 75·9 | 149·0 | 74·4 | 0·806 | 75 | 109 | SW by S | 93 | 0·99 | Cloudy : thunderstorm. |
| 28 | 29·777 | 0·146 | 80·8 | 75·6 | 92·0 | 73·9 | 143·3 | 73·0 | 0·816 | 78 | 135 | S S W | 53 | 0·02 | Passing clouds. |
| 29 | 29·788 | 0·133 | 81·6 | 76·2 | 89·9 | 74·9 | 145·7 | 73·6 | 0·834 | 78 | 107 | South | 53 | ... | Do. |
| 30 | 29·776 | 0·126 | 81·1 | 75·8 | 89·2 | 77·6 | 152·2 | 76·3 | 0·821 | 77 | 86 | S by E | 53 | ... | Do. |
| 31 | 29·736 | 0·101 | 80·8 | 74·7 | 94·3 | 76·0 | 146·0 | 74·8 | 0·779 | 73 | 147 | S S W | 67 | ... | Cloudy : fg. |
| Mean | 29·741 | 0·133 | 83·2 | 75·1 | 94·8 | 76·9 | 146·2 | 75·5 | 0·764 | 68 | 184 | SW by S | 68 | 3·62 | |

# Madras Meteorological Observations. 1882—September.

| September 1882 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·739 | 0·089 | 82·2 | 75·2 | 91·2 | 76·2 | 145·3 | 74·4 | 0·781 | 71 | 149 | N W | 73 | ... | Cloudy : th. and lg. |
| 2 | 29·748 | 0·115 | 81·4 | 75·5 | 86·5 | 76·6 | 115·3 | 74·9 | 0·810 | 75 | 105 | W by S | 93 | 0·08 | Overcast : lg. |
| 3 | 29·764 | 0·127 | 78·5 | 73·6 | 87·3 | 74·0 | 133·6 | 72·6 | 0·763 | 78 | 214 | SW by W | 97 | 0·61 | Overcast : rain. |
| 4 | 29·741 | 0·153 | 80·6 | 74·1 | 90·6 | 75·7 | 144·6 | 73·9 | 0·756 | 72 | 180 | W by S | 80 | 0·03 | Cloudy. |
| 5 | 29·687 | 0·137 | 83·9 | 74·3 | 92·2 | 76·8 | 150·5 | 74·6 | 0·720 | 62 | 180 | W S W | 70 | ... | Cloudy : lg. |
| 6 | 29·664 | 0·133 | 84·3 | 74·7 | 94·8 | 78·0 | 141·4 | 76·4 | 0·732 | 62 | 218 | SW by W | 83 | 0·01 | Cloudy : th. and lg. |
| 7 | 29·686 | 0·113 | 83·7 | 75·3 | 94·9 | 77·4 | 145·8 | 75·6 | 0·765 | 65 | 199 | W S W | 87 | ... | Cloudy. |
| 8 | 29·712 | 0·137 | 84·4 | 75·0 | 92·6 | 78·3 | 127·4 | 76·6 | 0·742 | 62 | 220 | S W | 87 | ... | Do. |
| 9 | 29·700 | 0·140 | 86·8 | 75·3 | 97·4 | 79·0 | 146·9 | 77·8 | 0·723 | 57 | 259 | SW by W | 53 | ... | Passing clouds. |
| 10 | 29·700 | 0·154 | 85·9 | 74·9 | 97·4 | 77·4 | 147·9 | 75·7 | 0·718 | 58 | 262 | S W | 60 | ... | Do. |
| 11 | 29·721 | 0·142 | 87·6 | 75·3 | 98·5 | 80·3 | 151·4 | 72·2 | 0·712 | 54 | 250 | S W | 50 | ... | Do. |
| 12 | 29·766 | 0·133 | 87·0 | 76·1 | 99·5 | 78·8 | 147·4 | 77·6 | 0·754 | 59 | 245 | S W | 50 | 0·02 | Fine day : cloudy night. |
| 13 | 29·810 | 0·134 | 84·6 | 74·5 | 97·0 | 77·8 | 155·1 | 75·6 | 0·719 | 60 | 148 | S by W | 60 | ... | Passing clouds. |
| 14 | 29·792 | 0·127 | 83·9 | 75·4 | 90·3 | 80·6 | 122·4 | 79·6 | 0·767 | 65 | 129 | W by S | 93 | ... | Cloudy. |
| 15 | 29·773 | 0·129 | 84·0 | 75·0 | 96·5 | 79·4 | 149·4 | 77·4 | 0·748 | 64 | 134 | S S W | 80 | 0·28 | Cloudy : rain. |
| 16 | 29·765 | 0·139 | 83·3 | 75·6 | 98·4 | 75·7 | 150·4 | 74·8 | 0·784 | 69 | 165 | South | 73 | 0·03 | Cloudy. |
| 17 | 29·756 | 0·126 | 84·9 | 76·2 | 95·6 | 78·3 | 153·4 | 76·2 | 0·787 | 66 | 145 | S S E | 30 | ... | Fine with passing clouds. |
| 18 | 29·764 | 0·131 | 83·7 | 77·2 | 96·4 | 77·9 | 153·5 | 77·0 | 0·847 | 73 | 140 | South | 50 | ... | Passing clouds. |
| 19 | 29·790 | 0·123 | 83·1 | 75·7 | 96·0 | 76·4 | 145·6 | 75·6 | 0·789 | 70 | 156 | South | 80 | ... | Cloudy. |
| 20 | 29·803 | 0·158 | 83·7 | 75·6 | 97·1 | 75·1 | 152·6 | 73·3 | 0·778 | 68 | 141 | South | 50 | ... | Passing clouds : th. and lg. |
| 21 | 29·815 | 0·103 | 84·2 | 76·8 | 94·6 | 76·4 | 148·0 | 73·8 | 0·823 | 71 | 113 | S E | 40 | ... | Fine with passing clouds. |
| 22 | 29·830 | 0·120 | 83·9 | 76·5 | 94·0 | 75·9 | 153·6 | 73·8 | 0·814 | 69 | 120 | S S E | 67 | ... | Cloudy : lg. |
| 23 | 29·838 | 0·164 | 81·5 | 74·7 | 92·6 | 77·0 | 148·1 | 76·1 | 0·769 | 72 | 162 | South | 63 | ... | Passing clouds. |
| 24 | 29·821 | 0·142 | 84·0 | 75·6 | 99·4 | 76·9 | 154·0 | 75·9 | 0·773 | 66 | 163 | S by E | 43 | ... | Do. |
| 25 | 29·796 | 0·133 | 84·7 | 77·5 | 97·1 | 79·4 | 149·4 | 77·8 | 0·848 | 72 | 148 | S by W | 60 | ... | Do. |
| 26 | 29·752 | 0·154 | 82·7 | 75·8 | 97·3 | 78·2 | 160·5 | 76·9 | 0·799 | 71 | 144 | SW by S | 53 | 0·24 | Passing clouds : rain. |
| 27 | 29·757 | 0·121 | 81·5 | 75·1 | 89·7 | 76·7 | 120·4 | 75·6 | 0·786 | 73 | 128 | West | 100 | ... | Overcast. |
| 28 | 29·766 | 0·087 | 82·6 | 76·1 | 93·3 | 77·2 | 134·2 | 75·4 | 0·814 | 73 | 106 | NW by W | 87 | 0·03 | Cloudy. |
| 29 | 29·747 | 0·153 | 82·4 | 75·5 | 95·7 | 78·2 | 145·6 | 76·6 | 0·791 | 72 | 113 | West | 83 | 0·09 | Do. |
| 30 | 29·701 | 0·141 | 84·8 | 77·6 | 97·0 | 78·7 | 152·4 | 76·2 | 0·851 | 72 | 180 | S by W | 70 | 0·45 | Cloudy : th. and lg. : rain. |
| Mean | 29·757 | 0·132 | 83·7 | 75·5 | 94·7 | 77·5 | 144·9 | 75·7 | 0·775 | 67 | 167 | SW by S | 69 | 1·87 | |

## Madras Meteorological Observations. 1882—October.

| October 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·705 | 0·127 | 80·4 | 76·0 | 97·6 | 77·9 | 148·3 | 76·7 | 0·839 | 80 | 168 | S S W | 77 | 0·27 | Cloudy: th. lg., and rain. |
| 2 | 29·727 | 0·121 | 79·6 | 74·1 | 90·8 | 74·8 | 137·7 | 73·7 | 0·770 | 76 | 124 | West | 100 | 0·09 | Overcast: th. and lg. |
| 3 | 29·758 | 0·106 | 83·8 | 74·2 | 94·6 | 76·9 | 155·6 | 75·7 | 0·718 | 62 | 245 | W S W | 93 | ... | Cloudy. |
| 4 | 29·774 | 0·137 | 83·5 | 75·0 | 96·5 | 77·3 | 152·5 | 75·7 | 0·755 | 65 | 166 | S by W | 67 | ... | Cloudy day: fine night |
| 5 | 29·787 | 0·144 | 84·3 | 76·5 | 96·6 | 76·4 | 150·8 | 74·7 | 0·809 | 69 | 115 | S by W | 43 | ... | Passing clouds. |
| 6 | 29·787 | 0·121 | 82·7 | 75·1 | 93·9 | 76·8 | 150·9 | 75·1 | 0·770 | 69 | 102 | West | 67 | 0·03 | Cloudy: lg. N. and W. |
| 7 | 29·822 | 0·113 | 83·3 | 76·4 | 92·8 | 78·2 | 154·7 | 76·1 | 0·817 | 71 | 99 | N by W | 43 | ... | Fine with passing clouds. |
| 8 | 29·855 | 0·113 | 82·1 | 75·8 | 88·7 | 76·6 | 121·1 | 75·7 | 0·808 | 74 | 62 | N by E | 97 | ... | Cloudy. |
| 9 | 29·826 | 0·111 | 83·3 | 75·8 | 90·7 | 76·9 | 118·1 | 75·3 | 0·792 | 69 | 82 | N N E | 93 | ... | Do. |
| 10 | 29·773 | 0·128 | 80·8 | 75·8 | 86·4 | 77·8 | 112·9 | 75·7 | 0·825 | 78 | 106 | N N W | 93 | 0·03 | Cloudy: th. and lg. N. and S. |
| 11 | 29·744 | 0·111 | 77·0 | 74·2 | 82·6 | 73·8 | 120·8 | 72·8 | 0·809 | 87 | 166 | N N W | 100 | 0·06 | Overcast. |
| 12 | 29·756 | 0·120 | 74·8 | 73·1 | 77·6 | 74·3 | 96·1 | 72·7 | 0·793 | 91 | 142 | N N W | 100 | 1·49 | Overcast: rain. |
| 13 | 29·790 | 0·134 | 78·7 | 74·8 | 83·6 | 73·6 | 113·3 | 72·7 | 0·810 | 83 | 78 | North | 93 | ... | Cloudy: lg. S. |
| 14 | 29·740 | 0·136 | 80·5 | 75·1 | 92·7 | 75·0 | 143·2 | 73·8 | 0·799 | 77 | 132 | S by E | 77 | 1·26 | Cloudy: thunderstorm. |
| 15 | 29·740 | 0·143 | 81·0 | 76·5 | 88·2 | 73·6 | 129·7 | 72·7 | 0·853 | 81 | 126 | SW by W | 97 | 0·78 | Overcast: rain. |
| 16 | 29·755 | 0·121 | 80·6 | 76·2 | 92·9 | 74·9 | 142·7 | 74·2 | 0·845 | 80 | 152 | S by W | 57 | ... | Passing clouds. |
| 17 | 29·799 | 0·112 | 82·5 | 77·0 | 93·5 | 75·5 | 149·5 | 73·7 | 0·855 | 77 | 101 | S S E | 47 | ... | Do. |
| 18 | 29·832 | 0·117 | 82·0 | 77·0 | 91·1 | 76·1 | 154·0 | 74·3 | 0·862 | 79 | 70 | NE by E | 43 | ... | Do. |
| 19 | 29·822 | 0·159 | 78·5 | 76·0 | 86·1 | 76·7 | 136·4 | 75·2 | 0·865 | 89 | 36 | East | 83 | 0·19 | Cloudy: rain. |
| 20 | 29·845 | 0·124 | 80·6 | 76·3 | 88·7 | 75·5 | 147·3 | 72·0 | 0·850 | 81 | 80 | E by N | 57 | ... | Passing clouds. |
| 21 | 29·849 | 0·131 | 79·6 | 75·7 | 87·3 | 73·3 | 144·7 | 72·9 | 0·838 | 82 | 102 | E by S | 60 | 0·59 | Cloudy: rain. |
| 22 | 29·836 | 0·146 | 77·4 | 73·1 | 86·5 | 70·0 | 136·1 | 69·7 | 0·758 | 81 | 144 | N N E | 63 | 2·31 | Do. : do. |
| 23 | 29·831 | 0·111 | 79·2 | 74·4 | 85·2 | 74·6 | 131·1 | 72·9 | 0·788 | 80 | 161 | NE by N | 67 | ... | Cloudy. |
| 24 | 29·862 | 0·120 | 78·3 | 71·9 | 86·5 | 71·5 | 145·6 | 68·7 | 0·698 | 72 | 135 | N N E | 37 | ... | Fine with passing clouds. |
| 25 | 29·857 | 0·130 | 77·3 | 71·8 | 87·0 | 70·6 | 147·5 | 67·9 | 0·707 | 75 | 131 | N by E | 37 | ... | Do. |
| 26 | 29·860 | 0·135 | 77·5 | 71·5 | 86·9 | 71·1 | 149·4 | 68·9 | 0·693 | 74 | 183 | N by E | 53 | ... | Passing clouds. |
| 27 | 29·814 | 0·118 | 78·4 | 70·9 | 86·8 | 70·1 | 148·7 | 67·9 | 0·657 | 68 | 167 | North | 70 | ... | Cloudy. |
| 28 | 29·801 | 0·126 | 75·3 | 69·5 | 82·6 | 72·1 | 125·9 | 70·9 | 0·644 | 74 | 162 | N by W | 100 | 0·07 | Overcast. |
| 29 | 29·794 | 0·106 | 73·3 | 70·8 | 75·2 | 70·1 | 88·2 | 68·7 | 0·722 | 88 | 231 | N by W | 100 | 0·25 | Overcast: rain. |
| 30 | 29·757 | 0·109 | 77·6 | 73·4 | 83·7 | 72·2 | 121·7 | 70·7 | 0·768 | 82 | 121 | NW by N | 100 | 0·05 | Overcast. |
| 31 | 29·754 | 0·122 | 80·6 | 75·5 | 90·0 | 75·3 | 143·7 | 74·5 | 0·816 | 78 | 116 | W S W | 83 | 0·20 | Cloudy: rain |
| Mean | 29·795 | 0·124 | 79·8 | 74·5 | 88·5 | 74·5 | 136·1 | 73·0 | 0·785 | 77 | 129 | NW by N | 74 | 7·67 | |

# Madras Meteorological Observations. 1882—November.

| November 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·781 | 0·114 | 80·6 | 75·7 | 91·8 | 74·3 | 143·0 | 72·6 | 0·823 | 78 | 132 | S by W | 30 | ... | Fine with passing clouds. |
| 2 | 29·825 | 0·116 | 81·0 | 75·5 | 90·4 | 75·2 | 146·0 | 73·4 | 0·810 | 77 | 142 | S S E | 40 | ... | Fine with passing clouds : lg. |
| 3 | 29·839 | 0·140 | 82·4 | 76·6 | 91·7 | 76·2 | 147·9 | 73·5 | 0·839 | 76 | 133 | S by E | 47 | ... | Fine with passing clouds. |
| 4 | 29·850 | 0·090 | 79·1 | 74·5 | 90·3 | 77·8 | 146·7 | 76·2 | 0·794 | 80 | 129 | SE by S | 60 | 0·02 | Passing clouds : lg. |
| 5 | 29·825 | 0·145 | 77·7 | 73·9 | 85·4 | 73·4 | 147·9 | 72·0 | 0·787 | 83 | 99 | S S W | 60 | 2·66 | Thunderstorm : light clouds. |
| 6 | 29·853 | 0·134 | 80·1 | 75·3 | 87·7 | 73·2 | 148·6 | 71·9 | 0·814 | 79 | 103 | S by E | 50 | ... | Passing clouds. |
| 7 | 29·874 | 0·130 | 81·2 | 76·4 | 87·2 | 75·7 | 141·5 | 73·4 | 0·846 | 79 | 114 | E N E | 50 | 0·09 | Fine with passing clouds. |
| 8 | 29·872 | 0·114 | 81·4 | 75·6 | 88·1 | 75·1 | 151·9 | 73·2 | 0·809 | 76 | 101 | NE by E | 30 | 0·04 | Do. |
| 9 | 29·865 | 0·123 | 80·2 | 75·6 | 88·6 | 74·8 | 146·5 | 72·6 | 0·825 | 80 | 120 | NE by N | 40 | ... | Fine with passing clouds : lg. W. |
| 10 | 29·892 | 0·116 | 79·7 | 75·8 | 88·8 | 75·7 | 157·7 | 73·6 | 0·841 | 82 | 119 | NE by N | 33 | ... | Fine with passing clouds. |
| 11 | 29·927 | 0·111 | 79·1 | 74·5 | 88·1 | 74·6 | 151·0 | 72·9 | 0·794 | 80 | 125 | NE by E | 50 | 0·13 | Passing clouds. |
| 12 | 29·926 | 0·125 | 79·2 | 73·4 | 85·9 | 74·9 | 150·4 | 72·7 | 0·745 | 75 | 140 | N by E | 73 | ... | Cloudy. |
| 13 | 29·897 | 0·112 | 79·0 | 72·7 | 87·5 | 69·9 | 147·3 | 67·1 | 0·720 | 72 | 194 | N by E | 37 | ... | Fine with passing clouds. |
| 14 | 29·912 | 0·121 | 80·0 | 72·4 | 86·9 | 73·5 | 144·0 | 71·1 | 0·695 | 68 | 272 | N by E | 53 | ... | Passing clouds : lg. N. W. |
| 15 | 29·949 | 0·083 | 74·7 | 73·2 | 76·7 | 73·1 | 79·9 | 72·6 | 0·799 | 93 | 143 | NE by E | 100 | 2·75 | Overcast. |
| 16 | 29·987 | 0·055 | 73·9 | 72·4 | 77·0 | 72·1 | 80·2 | 70·6 | 0·777 | 93 | 117 | N E | 100 | 2·32 | Do. |
| 17 | 29·967 | 0·089 | 78·2 | 74·2 | 85·0 | 72·2 | 140·5 | 70·7 | 0·793 | 82 | 220 | N E | 75 | 1·23 | Cloudy. |
| 18 | 29·961 | 0·114 | 77·5 | 72·9 | 84·4 | 73·1 | 141·8 | 71·6 | 0·749 | 79 | 210 | NE by N | 63 | 0·50 | Passing clouds. |
| 19 | 29·967 | 0·087 | 77·6 | 72·4 | 84·5 | 72·0 | 140·4 | 69·2 | 0·727 | 77 | 209 | N N E | 57 | ... | Do. |
| 20 | 29·966 | 0·104 | 76·2 | 72·4 | 83·7 | 72·7 | 140·4 | 71·0 | 0·746 | 84 | 246 | N by E | 80 | 0·37 | Cloudy. |
| 21 | 29·912 | 0·117 | 76·2 | 73·1 | 81·2 | 72·6 | 115·0 | 71·6 | 0·775 | 86 | 242 | N by E | 97 | 1·62 | Overcast. |
| 22 | 29·823 | 0·132 | 75·8 | 71·3 | 79·5 | 72·4 | 115·3 | 71·2 | 0·708 | 80 | 333 | North | 83 | 0·18 | Cloudy. |
| 23 | 29·745 | 0·144 | 68·6 | 67·4 | 76·1 | 65·3 | 78·2 | 65·1 | 0·656 | 94 | 260 | North | 100 | 5·60 | Overcast : continuous rain. |
| 24 | 29·626 | 0·153 | 77·9 | 75·5 | 84·3 | 73·9 | 123·4 | 73·3 | 0·851 | 89 | 343 | East | 97 | 0·54 | Overcast with light showers. |
| 25 | 29·750 | 0·086 | 78·5 | 73·7 | 83·2 | 71·9 | 139·1 | 69·2 | 0·766 | 78 | 192 | S S E | 57 | 1·04 | Passing clouds. |
| 26 | 29·793 | 0·107 | 78·1 | 74·9 | 82·3 | 74·2 | 132·0 | 73·0 | 0·823 | 86 | 176 | S by E | 73 | 1·81 | Passing clouds : th. |
| 27 | 29·863 | 0·121 | 80·3 | 75·8 | 85·5 | 76·9 | 140·8 | 74·6 | 0·832 | 80 | 153 | SE by E | 57 | 0·03 | Passing clouds. |
| 28 | 29·920 | 0·085 | 78·7 | 75·3 | 85·4 | 75·4 | 136·4 | 74·1 | 0·832 | 85 | 108 | E by N | 80 | 0·62 | Cloudy. |
| 29 | 29·726 | 0·190 | 73·8 | 72·8 | 75·3 | 70·8 | 80·5 | 70·4 | 0·793 | 95 | 262 | N W W | 100 | 7·38 | Overcast : very heavy rain. |
| 30 | 29·741 | 0·104 | 77·3 | 73·0 | 85·1 | 72·0 | 140·8 | 71·6 | 0·755 | 81 | 297 | S W | 70 | 0·32 | Cloudy : th. lg. & rain. |
| Mean | 29·861 | 0·115 | 78·1 | 73·9 | 84·9 | 73·5 | 133·2 | 71·9 | 0·784 | 82 | 181 | E by N | 65 | 29·25 | |

# Madras Meteorological Observations. 1882—December.

| December 1882 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·798 | 0·094 | 78·6 | 72·6 | 85·3 | 74·9 | 137·8 | 73·0 | 0·722 | 74 | 195 | W N W | 40 | ... | Fine with passing clouds. |
| 2 | 29·860 | 0·123 | 77·9 | 72·0 | 85·6 | 71·2 | 136·5 | 68·2 | 0·707 | 74 | 142 | N N W | 23 | ... | Do. |
| 3 | 29·905 | 0·105 | 75·7 | 69·5 | 82·4 | 71·0 | 136·8 | 67·4 | 0·639 | 72 | 164 | North | 0 | ... | Clear. |
| 4 | 29·944 | 0·094 | 74·6 | 68·7 | 82·2 | 69·1 | 138·8 | 63·8 | 0·623 | 72 | 148 | North | 7 | ... | Fine. |
| 5 | 29·939 | 0·140 | 73·9 | 66·1 | 81·1 | 68·9 | 135·3 | 66·2 | 0·538 | 65 | 147 | North | 27 | ... | Fine with passing clouds. |
| 6 | 29·901 | 0·096 | 71·7 | 64·8 | 78·4 | 67·7 | 111·1 | 63·8 | 0·522 | 67 | 213 | NW by N | 80 | ... | Cloudy. |
| 7 | 29·923 | 0·110 | 76·9 | 72·8 | 85·8 | 69·9 | 141·9 | 69·2 | 0·752 | 82 | 158 | N by E | 47 | ... | Fine with passing clouds. |
| 8 | 29·960 | 0·114 | 76·4 | 73·1 | 82·5 | 73·2 | 135·0 | 72·1 | 0·772 | 85 | 191 | NE by N | 60 | 0·02 | Passing clouds. |
| 9 | 29·965 | 0·119 | 73·2 | 68·6 | 83·1 | 70·1 | 144·8 | 67·3 | 0·639 | 79 | 153 | NE by N | 43 | ... | Fine with passing clouds. |
| 10 | 29·932 | 0·119 | 71·2 | 66·8 | 82·8 | 64·0 | 148·9 | 58·8 | 0·599 | 78 | 99 | NE by N | 30 | ... | Do. |
| 11 | 29·934 | 0·111 | 71·5 | 66·6 | 83·2 | 63·1 | 141·3 | 57·6 | 0·589 | 76 | 80 | N N E | 10 | ... | Fine. |
| 12 | 29·953 | 0·102 | 71·4 | 67·1 | 82·6 | 63·4 | 137·8 | 57·9 | 0·608 | 79 | 73 | NE by E | 17 | ... | Do. |
| 13 | 29·953 | 0·119 | 71·8 | 67·5 | 82·5 | 64·1 | 138·6 | 58·6 | 0·618 | 80 | 86 | E N E | 10 | ... | Do. |
| 14 | 29·918 | 0·128 | 72·2 | 67·6 | 83·9 | 64·3 | 139·8 | 59·1 | 0·616 | 78 | 82 | N E | 10 | ... | Do. |
| 15 | 29·938 | 0·111 | 73·7 | 67·6 | 83·7 | 64·3 | 139·4 | 59·2 | 0·596 | 72 | 132 | NE by N | 27 | ... | Fine with passing clouds. |
| 16 | 29·993 | 0·113 | 75·3 | 69·8 | 83·4 | 67·8 | 139·7 | 64·3 | 0·656 | 75 | 161 | N N E | 47 | ... | Passing clouds. |
| 17 | 30·012 | 0·121 | 75·7 | 69·2 | 84·4 | 69·0 | 146·4 | 65·8 | 0·628 | 71 | 204 | N N E | 50 | ... | Do. |
| 18 | 30·041 | 0·111 | 76·5 | 69·3 | 84·3 | 67·8 | 141·2 | 64·0 | 0·621 | 69 | 200 | NE by N | 50 | ... | Do. |
| 19 | 30·054 | 0·116 | 76·6 | 68·9 | 85·0 | 70·2 | 138·6 | 66·0 | 0·605 | 67 | 270 | N E | 37 | ... | Fine with passing clouds. |
| 20 | 30·034 | 0·130 | 76·7 | 70·3 | 84·4 | 69·4 | 151·5 | 66·8 | 0·656 | 71 | 231 | N N E | 57 | ... | Passing clouds. |
| 21 | 30·022 | 0·099 | 76·4 | 72·4 | 82·7 | 72·7 | 137·0 | 71·8 | 0·743 | 82 | 212 | N N E | 60 | 0·02 | Do. |
| 22 | 30·026 | 0·118 | 77·9 | 72·4 | 85·4 | 73·9 | 145·3 | 72·3 | 0·723 | 75 | 216 | NE by N | 47 | ... | Do. |
| 23 | 30·019 | 0·123 | 77·0 | 70·2 | 84·2 | 70·1 | 141·8 | 67·8 | 0·648 | 70 | 238 | NE by N | 43 | ... | Fine with passing clouds. |
| 24 | 30·010 | 0·111 | 76·5 | 70·2 | 84·2 | 71·3 | 146·0 | 68·8 | 0·655 | 72 | 249 | NE by N | 60 | ... | Passing clouds. |
| 25 | 29·984 | 0·125 | 76·7 | 71·6 | 82·6 | 72·9 | 137·1 | 72·8 | 0·708 | 78 | 315 | N N E | 70 | ... | Cloudy. |
| 26 | 29·996 | 0·089 | 76·0 | 71·1 | 79·9 | 71·0 | 103·8 | 70·2 | 0·697 | 77 | 290 | N N E | 97 | ... | Do. |
| 27 | 29·972 | 0·078 | 76·8 | 69·9 | 80·5 | 75·9 | 100·8 | 74·8 | 0·639 | 69 | 304 | N E | 100 | 0·12 | Overcast with light rain. |
| 28 | 29·988 | 0·084 | 75·9 | 70·4 | 83·3 | 73·3 | 141·0 | 72·8 | 0·671 | 75 | 320 | N N E | 83 | ... | Cloudy. |
| 29 | 30·001 | 0·099 | 74·3 | 68·7 | 80·8 | 70·9 | 137·4 | 69·8 | 0·628 | 74 | 227 | N N E | 63 | ... | Passing clouds. |
| 30 | 30·023 | 0·097 | 74·3 | 68·3 | 83·0 | 67·1 | 142·1 | 65·8 | 0·613 | 72 | 207 | N N E | 40 | ... | Fine with passing clouds. |
| 31 | 30·028 | 0·112 | 75·0 | 68·6 | 82·9 | 67·3 | 139·8 | 64·4 | 0·614 | 71 | 194 | N N E | 30 | ... | Do. |
| Mean | 29·969 | 0·110 | 75·1 | 69·4 | 83·1 | 69·3 | 137·3 | 66·5 | 0·647 | 74 | 190 | N N E | 44 | 0·16 | |

## Madras Mean Monthly and Annual Meteorological Results in 1882.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·023 | 0·122 | 74·8 | 84·4 | 67·5 | 16·9 | 69·2 | 65·6 | 0·643 | 74 | 141·3 | 63·2 | 122 | 4 | N E | 0·27 | 2 | 64 |
| February | 29·955 | 0·130 | 76·5 | 87·0 | 67·5 | 19·5 | 70·5 | 66·1 | 0·667 | 73 | 143·8 | 63·5 | 110 | 9 | E by S | ... | ... | 75 |
| March | 29·918 | 0·138 | 80·2 | 90·5 | 71·5 | 19·0 | 73·3 | 69·6 | 0·732 | 71 | 143·9 | 68·7 | 151 | 12 | S E | ... | ... | 75 |
| April | 29·808 | 0·138 | 84·5 | 92·9 | 77·5 | 15·4 | 76·9 | 74·5 | 0·824 | 70 | 144·4 | 74·8 | 165 | 14 | S S E | 0·04 | 1 | 65 |
| May | 29·737 | 0·135 | 86·9 | 97·8 | 80·9 | 16·9 | 77·8 | 75·4 | 0·833 | 65 | 146·4 | 79·6 | 215 | 15 | S by E | 0·05 | 1 | 61 |
| June | 29·694 | 0·133 | 88·1 | 100·3 | 81·2 | 19·1 | 75·0 | 72·9 | 0·693 | 53 | 147·1 | 79·7 | 256 | 20 | S W | 4·00 | 8 | 34 |
| July | 29·709 | 0·132 | 83·9 | 94·4 | 78·0 | 16·4 | 74·2 | 71·8 | 0·715 | 62 | 135·8 | 76·5 | 226 | 21 | S W by W | 3·27 | 16 | 20 |
| August | 29·741 | 0·133 | 83·2 | 94·8 | 76·9 | 17·9 | 75·1 | 72·1 | 0·764 | 68 | 146·2 | 75·5 | 184 | 19 | S W by S | 3·62 | 17 | 32 |
| September | 29·757 | 0·132 | 83·7 | 94·7 | 77·5 | 17·2 | 75·5 | 72·8 | 0·775 | 67 | 144·9 | 75·7 | 167 | 19 | S W by S | 1·87 | 11 | 31 |
| October | 29·795 | 0·124 | 79·8 | 88·5 | 74·5 | 14·0 | 74·5 | 72·0 | 0·785 | 77 | 136·1 | 73·0 | 129 | 29 | N W by N | 7·67 | 15 | 26 |
| November | 29·861 | 0·115 | 78·1 | 84·9 | 73·5 | 11·4 | 73·9 | 71·5 | 0·784 | 82 | 133·2 | 71·9 | 181 | 7 | E by N | 29·25 | 20 | 35 |
| December | 29·969 | 0·110 | 75·1 | 83·1 | 69·3 | 13·8 | 69·4 | 66·8 | 0·647 | 74 | 137·3 | 66·5 | 190 | 2 | N N E | 0·16 | 3 | 56 |
| Annual | 29·831 | 0·129 | 81·2 | 91·1 | 74·7 | 16·5 | 73·8 | 70·9 | 0·739 | 70 | 141·7 | 72·4 | 175 | 14 | S S E | 50·20 | 94 | 48 |

## Madras Extreme Monthly Meteorological Records in 1882.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·180 | 20 | 29·892 | 1 | 288 | 86·4 | 24 | 59·0 | 30 | 57·7 | 30 | 33 | 24 | 146·3 | 30 | 52·2 | 30 | 279 | 19 | 48 | 30 | 0·19 | 2 |
| February | 30·095 | 6 | 29·819 | 11 | 276 | 90·4 | 19 | 60·0 | 3 | 59·2 | 3 | 53 | 2 | 149·9 | 27 | 52·5 | 3 | 150 | 26 | 58 | 10 | ... | ... |
| March | 30·093 | 13 | 29·701 | 25 | 392 | 96·3 | 26 | 63·4 | 3 | 62·1 | 3 | 41 | 11 | 150·1 | 7 | 59·7 | 3 | 278 | 28 | 74 | 13 | ... | ... |
| April | 29·958 | 3 | 29·623 | 23 | 335 | 97·6 | 25 | 73·0 | 2 | 71·2 | 2 | 45 | 25 | 150·6 | 3 | 68·7 | 2 | 229 | 5 | 92 | 14 | 0·04 | 13 |
| May | 29·898 | 9 | 29·548 | 22 | 350 | 107·9 | 23 | 77·3 | 1 | 71·6 | 31 | 34 | 6 | 155·1 | 23 | 74·8 | 1 | 317 | 8 | 107 | 19 | 0·05 | 19 |
| June | 29·838 | 27 | 29·467 | 6 | 371 | 107·3 | 1 | 71·5 | 30 | 70·2 | 30 | 26 | 10 | 154·9 | 15 | 70·6 | 30 | 408 | 12 | 115 | 27 | 1·99 | 30 |
| July | 29·835 | 8 | 29·559 | 30 | 276 | 100·6 | 23 | 74·0 | 7 | 70·1 | 22 | 32 | 21 | 152·1 | 29 | 71·8 | 7 | 297 | 21 | 132 | 2 | 0·58 | 8 |
| August | 29·843 | 21 | 29·569 | 1 | 274 | 99·2 | 4 | 70·7 | 20 | 69·2 | 20 | 34 | 5 | 155·3 | 7 | 69·8 | 20 | 298 | 5 | 86 | 30 | 0·99 | 27 |
| September | 29·912 | 23 | 29·596 | 6 | 316 | 99·5 | 12 | 74·0 | 3 | 70·9 | 11 | 37 | 9 | 160·5 | 26 | 72·2 | 11 | 262 | 10 | 105 | 2 | 0·61 | 3 |
| October | 29·922 | 26 | 29·635 | 1 | 287 | 97·6 | 1 | 70·0 | 22 | 66·6 | 29 | 43 | 3 | 155·6 | 3 | 67·9 | 27 | 245 | 3 | 36 | 19 | 2·31 | 22 |
| November | 30·022 | 16 | 29·560 | 24 | 462 | 91·8 | 1 | 65·3 | 23 | 63·9 | 23 | 58 | 14 | 157·7 | 10 | 65·1 | 23 | 343 | 24 | 99 | 5 | 7·38 | 29 |
| December | 30·107 | 20 | 29·743 | 1 | 364 | 85·8 | 7 | 63·1 | 11 | 62·2 | 11 | 46 | 5 | 151·5 | 20 | 57·6 | 11 | 320 | 28 | 73 | 12 | 0·12 | 27 |

# Madras Meteorological Observations. 1883—January.

| January 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·037 | 0·112 | 73·6 | 68·2 | 83·3 | 67·2 | 141·5 | 63·6 | 0·619 | 74 | 147 | NE by N | 50 | ... | Passing clouds. |
| 2 | 30·070 | 0·110 | 74·6 | 68·1 | 84·8 | 67·0 | 141·7 | 62·2 | 0·601 | 70 | 145 | NE by N | 40 | ... | Fine with passing clouds. |
| 3 | 30·101 | 0·108 | 75·1 | 68·2 | 83·6 | 65·8 | 141·9 | 60·6 | 0·598 | 68 | 171 | NE by N | 40 | ... | Do. |
| 4 | 30·134 | 0·128 | 74·6 | 68·1 | 84·2 | 66·8 | 145·3 | 63·4 | 0·601 | 70 | 192 | NE by N | 32 | ... | Do. |
| 5 | 30·100 | 0·129 | 74·6 | 67·5 | 83·5 | 65·9 | 143·3 | 61·1 | 0·580 | 68 | 191 | N N E | 40 | ... | Do. |
| 6 | 30·051 | 0·127 | 75·4 | 68·0 | 83·4 | 67·6 | 143·6 | 63·9 | 0·585 | 66 | 212 | NE by N | 43 | ... | Do. |
| 7 | 30·038 | 0·133 | 73·9 | 68·0 | 83·5 | 67·2 | 141·9 | 63·8 | 0·605 | 72 | 180 | NE by N | 37 | ... | Do. |
| 8 | 30·060 | 0·123 | 74·7 | 69·0 | 85·3 | 64·2 | 140·7 | 58·7 | 0·634 | 73 | 161 | NE by N | 40 | ... | Fine with passing clouds. |
| 9 | 30·038 | 0·106 | 76·4 | 70·5 | 82·3 | 71·6 | 131·0 | 67·9 | 0·666 | 73 | 192 | NE by E | 58 | 0·08 | Passing clouds. |
| 10 | 30·032 | 0·131 | 75·5 | 69·3 | 85·3 | 67·4 | 142·0 | 63·0 | 0·634 | 72 | 193 | N E | 65 | ... | Do. |
| 11 | 30·047 | 0·114 | 74·3 | 69·1 | 85·2 | 68·4 | 146·2 | 64·6 | 0·644 | 75 | 177 | NE by N | 65 | ... | Do. |
| 12 | 30·020 | 0·120 | 76·3 | 69·2 | 84·9 | 69·2 | 140·9 | 68·2 | 0·620 | 69 | 227 | N E | 42 | 0·01 | Fine with passing clouds. |
| 13 | 30·010 | 0·105 | 76·0 | 69·0 | 84·6 | 67·9 | 145·3 | 63·6 | 0·616 | 69 | 236 | N E | 58 | ... | Light passing clouds. |
| 14 | 30·003 | 0·114 | 76·4 | 68·3 | 83·9 | 70·3 | 139·0 | 67·5 | 0·585 | 64 | 228 | N E | 47 | ... | Do. |
| 15 | 30·016 | 0·129 | 74·4 | 66·9 | 83·8 | 65·2 | 140·6 | 60·0 | 0·561 | 66 | 164 | NE by E | 48 | ... | Passing clouds. |
| 16 | 29·986 | 0·121 | 71·9 | 65·9 | 83·2 | 64·8 | 136·1 | 60·7 | 0·558 | 71 | 113 | NE by N | 55 | ... | Do. |
| 17 | 29·962 | 0·110 | 74·0 | 67·5 | 84·8 | 64·5 | 141·8 | 60·2 | 0·588 | 70 | 179 | NE by N | 42 | ... | Fine with passing clouds. |
| 18 | 29·969 | 0·127 | 75·4 | 68·0 | 84·2 | 68·3 | 142·5 | 65·6 | 0·587 | 66 | 203 | N E | 50 | ... | Passing clouds. |
| 19 | 29·973 | 0·106 | 77·8 | 68·6 | 85·5 | 73·1 | 144·4 | 71·0 | 0·577 | 61 | 287 | NE by E | 43 | ... | Fine with passing clouds. |
| 20 | 29·980 | 0·098 | 76·8 | 68·1 | 84·9 | 73·1 | 145·0 | 71·8 | 0·572 | 62 | 311 | N E | 45 | ... | Do. |
| 21 | 29·948 | 0·125 | 76·0 | 69·7 | 84·5 | 67·3 | 144·3 | 64·0 | 0·613 | 72 | 168 | N E | 57 | ... | Passing clouds. |
| 22 | 29·954 | 0·142 | 77·1 | 72·2 | 85·9 | 69·8 | 139·4 | 67·8 | 0·725 | 77 | 166 | NE by N | 60 | ... | Do. |
| 23 | 29·917 | 0·151 | 75·8 | 72·0 | 85·3 | 70·4 | 142·1 | 68·8 | 0·735 | 84 | 91 | E N E | 65 | 0·15 | Cloudy with rain. |
| 24 | 29·901 | 0·140 | 76·1 | 70·7 | 84·0 | 69·4 | 140·4 | 66·7 | 0·680 | 75 | 99 | E S E | 43 | ... | Fine with passing clouds. |
| 25 | 29·932 | 0·125 | 74·6 | 69·2 | 83·2 | 67·4 | 143·2 | 63·8 | 0·612 | 74 | 82 | SE by E | 42 | ... | Do. |
| 26 | 29·955 | 0·122 | 75·2 | 70·2 | 85·9 | 65·3 | 142·3 | 60·9 | 0·673 | 77 | 91 | E S E | 42 | ... | Do. |
| 27 | 29·901 | 0·174 | 75·9 | 71·2 | 86·7 | 67·4 | 149·9 | 61·0 | 0·702 | 78 | 102 | SE by E | 38 | ... | Do. |
| 28 | 29·893 | 0·107 | 77·1 | 72·1 | 87·3 | 69·4 | 146·3 | 65·5 | 0·722 | 77 | 125 | E by S | 50 | ... | Do. |
| 29 | 29·915 | 0·117 | 78·9 | 72·5 | 87·5 | 70·6 | 146·7 | 67·7 | 0·714 | 72 | 156 | E N E | 30 | ... | Do. |
| 30 | 29·882 | 0·145 | 77·5 | 71·8 | 86·6 | 69·1 | 142·9 | 65·4 | 0·704 | 75 | 120 | E by N | 33 | ... | Do. |
| 31 | 29·860 | 0·120 | 77·8 | 71·7 | 84·2 | 70·2 | 140·9 | 67·0 | 0·697 | 74 | 134 | E by S | 37 | ... | Do. |
| Mean | 29·990 | 0·124 | 75·6 | 69·3 | 84·7 | 68·1 | 142·4 | 64·6 | 0·634 | 71 | 169 | NE by E | 46 | 0·24 | |

## Madras Meteorological Observations, 1883—February.

| February 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·858 | 0·089 | 75·5 | 70·2 | 85·3 | 67·9 | 140·8 | 63·5 | 0·669 | 76 | 80 | E by S | 45 | ... | Fine with passing clouds. |
| 2 | 29·886 | 0·081 | 77·9 | 71·9 | 86·3 | 70·6 | 144·4 | 67·5 | 0·705 | 74 | 200 | NE by E | 47 | ... | Do. |
| 3 | 29·911 | 0·124 | 78·0 | 72·2 | 84·4 | 75·0 | 133·9 | 72·5 | 0·713 | 74 | 298 | N E | 73 | ... | Cloudy. |
| 4 | 29·915 | 0·139 | 78·6 | 72·7 | 87·6 | 74·9 | 151·8 | 71·5 | 0·725 | 74 | 292 | N E | 70 | 0·07 | Do. |
| 5 | 29·962 | 0·121 | 78·3 | 72·2 | 86·2 | 72·5 | 145·1 | 69·5 | 0·710 | 74 | 221 | NE by E | 42 | ... | Fine with passing clouds. |
| 6 | 29·979 | 0·123 | 76·9 | 70·1 | 86·9 | 67·3 | 144·8 | 62·5 | 0·646 | 70 | 143 | E N E | 47 | ... | Do. |
| 7 | 30·007 | 0·122 | 76·2 | 68·1 | 84·8 | 66·0 | 143·9 | 62·6 | 0·580 | 64 | 115 | East | 35 | ... | Do. |
| 8 | 29·988 | 0·135 | 75·4 | 68·1 | 85·3 | 65·2 | 143·3 | 60·6 | 0·590 | 67 | 92 | E by S | 28 | ... | Do. |
| 9 | 29·964 | 0·139 | 74·3 | 67·6 | 85·2 | 64·4 | 142·9 | 60·5 | 0·587 | 69 | 86 | E S E | 20 | ... | Do. |
| 10 | 30·024 | 0·129 | 74·0 | 66·9 | 86·3 | 64·3 | 144·8 | 59·9 | 0·567 | 68 | 120 | E by N | 30 | ... | Do. |
| 11 | 30·006 | 0·134 | 73·7 | 66·1 | 86·3 | 63·5 | 148·2 | 58·5 | 0·541 | 65 | 106 | NE by E | 33 | ... | Do. |
| 12 | 29·971 | 0·150 | 74·5 | 68·7 | 86·9 | 62·8 | 144·6 | 57·5 | 0·626 | 73 | 104 | E N E | 12 | ... | Fine. |
| 13 | 29·976 | 0·138 | 75·5 | 70·2 | 86·9 | 66·4 | 144·9 | 61·4 | 0·669 | 76 | 81 | E S E | 28 | ... | Fine with passing clouds. |
| 14 | 30·000 | 0·138 | 74·2 | 69·0 | 84·8 | 63·7 | 142·7 | 57·7 | 0·640 | 76 | 86 | S E | 17 | ... | Do. |
| 15 | 29·976 | 0·133 | 75·6 | 71·4 | 88·7 | 66·0 | 146·2 | 59·4 | 0·714 | 81 | 91 | S S E | 0 | ... | Clear. |
| 16 | 29·949 | 0·137 | 77·6 | 71·5 | 90·3 | 66·9 | 146·8 | 62·4 | 0·691 | 74 | 127 | S S E | 0 | ... | Do. |
| 17 | 29·981 | 0·122 | 77·4 | 73·2 | 85·9 | 67·1 | 143·8 | 61·7 | 0·760 | 82 | 110 | SE by S | 22 | ... | Fine with passing clouds. |
| 18 | 29·994 | 0·133 | 77·3 | 71·5 | 86·7 | 65·9 | 144·4 | 60·4 | 0·696 | 74 | 119 | E by S | 23 | ... | Do. |
| 19 | 30·022 | 0·134 | 77·2 | 71·5 | 86·4 | 67·1 | 147·2 | 62·9 | 0·697 | 75 | 103 | E by N | 37 | ... | Do. |
| 20 | 30·027 | 0·145 | 76·4 | 71·5 | 86·7 | 68·2 | 144·4 | 63·7 | 0·707 | 77 | 77 | East | 25 | ... | Do. |
| 21 | 30·001 | 0·152 | 75·3 | 71·9 | 87·2 | 66·4 | 145·0 | 62·4 | 0·737 | 84 | 73 | E by S | 28 | ... | Do. |
| 22 | 29·956 | 0·142 | 75·8 | 71·1 | 88·9 | 66·7 | 145·8 | 60·4 | 0·700 | 78 | 73 | SE by E | 0 | ... | Clear. |
| 23 | 29·940 | 0·122 | 75·7 | 72·9 | 89·6 | 64·7 | 147·1 | 59·0 | 0·774 | 87 | 94 | SE by E | 7 | ... | Fine. |
| 24 | 29·938 | 0·118 | 76·4 | 72·7 | 89·5 | 67·7 | 149·5 | 62·7 | 0·755 | 84 | 89 | S E | 8 | ... | Do. |
| 25 | 29·910 | 0·157 | 77·6 | 72·0 | 87·8 | 66·8 | 145·1 | 61·0 | 0·711 | 75 | 102 | S E | 0 | ... | Clear. |
| 26 | 29·902 | 0·121 | 77·9 | 73·7 | 89·2 | 65·9 | 145·9 | 60·4 | 0·776 | 82 | 175 | S S E | 2 | ... | Fine. |
| 27 | 29·907 | 0·130 | 78·4 | 74·4 | 88·7 | 69·8 | 145·6 | 64·7 | 0·799 | 82 | 185 | S by E | 13 | ... | Do. |
| 28 | 29·913 | 0·131 | 78·3 | 74·9 | 86·0 | 69·9 | 144·8 | 65·6 | 0·820 | 84 | 175 | S S E | 45 | ... | Fine with passing clouds. |
| Mean | 29·959 | 0·130 | 76·4 | 71·0 | 87·0 | 67·3 | 144·9 | 62·6 | 0·689 | 76 | 129 | E by S | 26 | 0·07 | |

# Madras Meteorological Observations. 1883—March.

| March 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·886 | 0·135 | 79·0 | 75·4 | 88·5 | 72·0 | 146·5 | 64·1 | 0·834 | 84 | 201 | S S E | 27 | ... | Fine with passing clouds. |
| 2 | 29·869 | 0·141 | 80·3 | 76·2 | 87·5 | 73·3 | 144·0 | 69·9 | 0·850 | 82 | 220 | S by E | 33 | ... | Do. |
| 3 | 29·899 | 0·128 | 81·2 | 75·5 | 89·2 | 74·8 | 144·4 | 71·8 | 0·808 | 76 | 215 | S S E | 7 | ... | Fine. |
| 4 | 29·911 | 0·155 | 80·5 | 75·3 | 88·9 | 73·4 | 147·0 | 69·2 | 0·808 | 78 | 197 | S S E | 30 | ... | Fine with passing clouds. |
| 5 | 29·902 | 0·146 | 81·2 | 77·0 | 88·1 | 74·1 | 144·0 | 70·8 | 0·872 | 83 | 176 | S S E | 55 | ... | Passing clouds. |
| 6 | 29·917 | 0·135 | 81·3 | 77·1 | 89·4 | 76·0 | 148·1 | 71·9 | 0·875 | 83 | 176 | S S E | 43 | ... | Fine with passing clouds. |
| 7 | 29·950 | 0·134 | 80·1 | 74·3 | 88·4 | 72·8 | 147·8 | 67·3 | 0·771 | 75 | 137 | SE by E | 35 | ... | Do. |
| 8 | 29·945 | 0·119 | 78·9 | 74·0 | 88·2 | 70·5 | 150·4 | 67·1 | 0·775 | 78 | 114 | E S E | 40 | ... | Do. |
| 9 | 29·903 | 0·118 | 79·7 | 73·4 | 89·0 | 71·0 | 146·3 | 67·8 | 0·738 | 73 | 112 | E S E | 35 | ... | Do. |
| 10 | 29·884 | 0·141 | 78·5 | 73·5 | 86·6 | 70·1 | 144·1 | 65·7 | 0·760 | 78 | 147 | S E | 50 | ... | Passing clouds. |
| 11 | 29·897 | 0·129 | 80·4 | 75·1 | 87·9 | 74·2 | 145·4 | 68·7 | 0·800 | 77 | 176 | SE by S | 27 | ... | Fine with passing clouds. |
| 12 | 29·925 | 0·139 | 80·5 | 75·3 | 89·4 | 73·4 | 148·0 | 70·2 | 0·808 | 78 | 170 | S E | 38 | ... | Do. |
| 13 | 29·944 | 0·125 | 81·6 | 75·3 | 91·3 | 76·7 | 144·1 | 69·7 | 0·794 | 74 | 130 | E by S | 45 | ... | Passing clouds. |
| 14 | 29·965 | 0·111 | 81·9 | 75·9 | 90·4 | 76·6 | 143·8 | 75·4 | 0·816 | 75 | 106 | E by N | 77 | ... | Cloudy. |
| 15 | 29·897 | 0·125 | 81·7 | 76·1 | 89·7 | 76·0 | 145·0 | 73·4 | 0·826 | 77 | 108 | E by S | 45 | ... | Passing clouds. |
| 16 | 29·920 | 0·123 | 81·3 | 75·7 | 90·8 | 74·1 | 152·4 | 71·2 | 0·814 | 77 | 112 | E S E | 68 | ... | Cloudy. |
| 17 | 29·940 | 0·114 | 80·8 | 75·4 | 89·9 | 74·0 | 146·1 | 70·8 | 0·809 | 76 | 126 | SE by E | 30 | ... | Fine with passing clouds. |
| 18 | 29·920 | 0·173 | 80·9 | 75·6 | 89·5 | 73·6 | 145·6 | 70·6 | 0·815 | 77 | 172 | SE by S | 40 | ... | Do. |
| 19 | 29·862 | 0·172 | 82·2 | 77·3 | 95·1 | 75·3 | 150·6 | 73·6 | 0·872 | 79 | 158 | S S E | 17 | ... | Fine. |
| 20 | 29·843 | 0·155 | 82·4 | 77·0 | 91·8 | 76·6 | 147·2 | 73·9 | 0·856 | 77 | 104 | SE by S | 23 | ... | Do. |
| 21 | 29·867 | 0·116 | 81·0 | 74·9 | 93·6 | 71·9 | 150·6 | 67·1 | 0·785 | 74 | 107 | SE by S | 7 | ... | Do. |
| 22 | 29·898 | 0·136 | 80·2 | 74·6 | 91·1 | 70·7 | 147·5 | 66·6 | 0·783 | 76 | 124 | S S E | 10 | ... | Do. |
| 23 | 29·895 | 0·125 | 80·0 | 73·9 | 89·6 | 71·4 | 144·7 | 67·6 | 0·756 | 74 | 109 | SE by S | 13 | ... | Do. |
| 24 | 29·919 | 0·142 | 80·0 | 74·0 | 88·5 | 71·2 | 147·1 | 67·6 | 0·760 | 74 | 134 | SE by S | 15 | ... | Do. |
| 25 | 29·935 | 0·122 | 79·4 | 74·5 | 90·1 | 70·6 | 147·0 | 66·8 | 0·790 | 78 | 124 | SE by S | 22 | ... | Do. |
| 26 | 29·872 | 0·149 | 80·1 | 73·4 | 90·2 | 69·4 | 146·6 | 64·9 | 0·734 | 71 | 163 | S S E | 13 | ... | Do. |
| 27 | 29·875 | 0·134 | 81·5 | 77·0 | 92·4 | 72·1 | 148·1 | 69·0 | 0·868 | 81 | 193 | S by E | 14 | ... | Do. |
| 28 | 29·876 | 0·105 | 82·0 | 76·8 | 88·9 | 75·9 | 144·6 | 72·2 | 0·853 | 78 | 209 | S S E | 25 | ... | Fine with passing clouds. |
| 29 | 29·852 | 0·128 | 81·4 | 75·6 | 89·2 | 77·2 | 144·2 | 68·1 | 0·808 | 76 | 175 | S S E | 25 | ... | Do. |
| 30 | 29·866 | 0·119 | 80·6 | 75·1 | 88·5 | 71·4 | 145·2 | 68·0 | 0·798 | 76 | 194 | S S E | 25 | ... | Do. |
| 31 | 29·884 | 0·114 | 82·2 | 76·3 | 89·2 | 75·7 | 143·0 | 70·6 | 0·828 | 75 | 169 | S S E | 22 | ... | Do. |
| Mean | 29·901 | 0·133 | 80·7 | 75·4 | 89·7 | 73·4 | 146·4 | 69·4 | 0·809 | 77 | 153 | SE by S | 31 | *Nil.* | |

# Madras Meteorological Observations. 1883—April.

| April 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Cents | Cents | Inches | |
| 1 | 29·849 | 0·162 | 81·1 | 75·8 | 92·9 | 73·5 | 146·2 | 70·0 | 0·822 | 77 | 176 | S by E | 15 | ... | Fine. |
| 2 | 29·790 | 0·154 | 82·9 | 76·8 | 98·3 | 75·9 | 151·1 | 72·8 | 0·841 | 75 | 211 | S by E | 0 | ... | Clear. |
| 3 | 29·744 | 0·177 | 83·7 | 76·0 | 98·6 | 75·7 | 150·2 | 74·0 | 0·795 | 69 | 199 | S by E | 12 | ... | Fine. |
| 4 | 29·793 | 0·137 | 83·1 | 77·8 | 92·3 | 76·5 | 144·9 | 73·2 | 0·883 | 78 | 185 | S S E | 20 | ... | Do. |
| 5 | 29·757 | 0·159 | 84·0 | 77·7 | 96·2 | 77·3 | 147·9 | 75·6 | 0·866 | 74 | 192 | S S E | 18 | ... | Do. |
| 6 | 29·731 | 0·161 | 84·3 | 79·2 | 101·2 | 76·4 | 151·7 | 73·0 | 0·930 | 79 | 192 | S by E | 17 | ... | Do. |
| 7 | 29·807 | 0·078 | 83·8 | 78·2 | 91·6 | 77·6 | 143·4 | 75·3 | 0·891 | 78 | 194 | SE by S | 40 | ... | Fine with passing clouds. |
| 8 | 29·871 | 0·119 | 82·8 | 78·0 | 90·7 | 75·9 | 139·9 | 72·7 | 0·895 | 80 | 144 | SE by S | 35 | ... | Do. |
| 9 | 29·884 | 0·140 | 81·9 | 76·5 | 90·3 | 75·9 | 149·0 | 73·6 | 0·841 | 77 | 131 | SE by S | 45 | ... | Do. |
| 10 | 29·847 | 0·137 | 81·5 | 75·2 | 91·8 | 72·3 | 143·9 | 68·2 | 0·791 | 73 | 139 | S S E | 18 | ... | Fine. |
| 11 | 29·844 | 0·128 | 81·3 | 75·3 | 89·9 | 72·9 | 143·6 | 71·3 | 0·798 | 74 | 148 | S S E | 2 | ... | Do. |
| 12 | 29·808 | 0·135 | 81·2 | 76·8 | 90·3 | 72·3 | 144·1 | 69·2 | 0·863 | 81 | 156 | SE by S | 35 | ... | Fine with passing clouds. |
| 13 | 29·810 | 0·142 | 84·0 | 79·0 | 95·5 | 75·2 | 148·4 | 71·8 | 0·925 | 79 | 173 | S by E | 25 | ... | Do. |
| 14 | 29·825 | 0·125 | 84·6 | 79·3 | 91·8 | 79·6 | 144·5 | 77·2 | 0·931 | 78 | 218 | S S E | 10 | ... | Fine. |
| 15 | 29·816 | 0·128 | 83·8 | 77·8 | 93·7 | 77·3 | 147·3 | 74·8 | 0·873 | 75 | 171 | S S E | 10 | ... | Do. |
| 16 | 29·820 | 0·144 | 83·2 | 77·9 | 91·7 | 75·4 | 144·9 | 71·2 | 0·885 | 78 | 143 | SE by S | 22 | ... | Fine with passing clouds. |
| 17 | 29·843 | 0·117 | 84·0 | 78·9 | 92·4 | 77·5 | 144·8 | 75·3 | 0·920 | 79 | 139 | S E | 23 | ... | Do. |
| 18 | 29·852 | 0·137 | 83·3 | 78·2 | 92·6 | 77·3 | 148·2 | 75·3 | 0·898 | 79 | 140 | SE by E | 37 | ... | Do. |
| 19 | 29·838 | 0·135 | 84·6 | 78·8 | 92·2 | 77·9 | 145·3 | 76·1 | 0·908 | 76 | 165 | S E | 45 | ... | Passing clouds. |
| 20 | 29·856 | 0·129 | 84·8 | 79·0 | 92·2 | 79·7 | 150·3 | 78·3 | 0·914 | 76 | 194 | S E | 50 | ... | Do. |
| 21 | 29·858 | 0·127 | 83·8 | 78·5 | 91·2 | 77·3 | 147·8 | 76·0 | 0·905 | 78 | 182 | SE by E | 40 | ... | Fine with passing clouds. |
| 22 | 29·842 | 0·137 | 84·0 | 78·6 | 91·8 | 77·0 | 146·1 | 74·5 | 0·906 | 77 | 183 | S E | 35 | ... | Do. |
| 23 | 29·830 | 0·136 | 84·4 | 78·6 | 91·6 | 78·3 | 145·5 | 74·0 | 0·901 | 76 | 207 | S E | 30 | ... | Do. |
| 24 | 29·854 | 0·127 | 84·1 | 78·9 | 93·6 | 76·6 | 157·7 | 74·3 | 0·919 | 79 | 169 | S E | 40 | ... | Do. |
| 25 | 29·829 | 0·155 | 84·3 | 78·8 | 91·7 | 78·2 | 145·4 | 76·6 | 0·912 | 77 | 193 | S E | 40 | ... | Do. |
| 26 | 29·778 | 0·146 | 84·5 | 78·3 | 91·5 | 78·6 | 144·4 | 76·3 | 0·886 | 75 | 200 | S S E | 38 | ... | Do. |
| 27 | 29·753 | 0·154 | 85·5 | 78·3 | 97·0 | 79·0 | 151·2 | 77·8 | 0·871 | 72 | 237 | S S E | 57 | ... | Passing clouds: lg. |
| 28 | 29·765 | 0·095 | 84·5 | 76·2 | 98·6 | 77·5 | 152·7 | 76·8 | 0·793 | 67 | 138 | South | 63 | ... | Cloudy. |
| 29 | 29·710 | 0·133 | 86·2 | 79·5 | 96·8 | 80·4 | 150·1 | 78·8 | 0·919 | 73 | 223 | SE by S | 68 | ... | Do. |
| 30 | 29·698 | 0·166 | 86·4 | 79·4 | 92·5 | 82·7 | 151·1 | 82·0 | 0·911 | 72 | 293 | S S E | 55 | ... | Passing clouds. |
| Mean | 29·810 | 0·137 | 83·7 | 77·9 | 93·4 | 76·9 | 147·4 | 74·5 | 0·880 | 76 | 181 | SE by S | 32 | *Nil.* | |

# Madras Meteorological Observations. 1883—May.

| May 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·683 | 0·123 | 85·9 | 79·5 | 94·1 | 81·5 | 147·4 | 79·9 | 0·922 | 74 | 202 | S S E | 47 | ... | Passing clouds. |
| 2 | 29·710 | 0·119 | 85·4 | 78·9 | 93·4 | 80·5 | 145·9 | 78·6 | 0·900 | 74 | 247 | SE by S | 48 | ... | Do. |
| 3 | 29·719 | 0·138 | 86·6 | 79·0 | 95·2 | 81·3 | 147·8 | 80·2 | 0·890 | 70 | 218 | SE by S | 35 | ... | Fine with passing clouds. |
| 4 | 29·702 | 0·180 | 87·4 | 79·6 | 95·7 | 81·5 | 147·1 | 79·9 | 0·906 | 71 | 226 | SE by S | 47 | ... | Passing clouds. |
| 5 | 29·736 | 0·107 | 85·8 | 80·4 | 94·9 | 81·3 | 148·0 | 79·7 | 0·965 | 78 | 207 | S E | 43 | ... | Fine with passing clouds. |
| 6 | 29·727 | 0·144 | 86·9 | 80·5 | 94·3 | 80·3 | 148·3 | 78·9 | 0·955 | 74 | 196 | SE by S | 35 | ... | Do. |
| 7 | 29·767 | 0·091 | 86·4 | 80·4 | 93·0 | 81·6 | 149·1 | 80·1 | 0·958 | 76 | 200 | S E | 30 | ... | Do. |
| 8 | 29·786 | 0·091 | 86·6 | 79·9 | 96·3 | 79·5 | 151·1 | 77·0 | 0·932 | 74 | 116 | E by S | 50 | ... | Passing clouds. |
| 9 | 29·816 | 0·122 | 84·9 | 77·8 | 91·3 | 80·4 | 144·9 | 78·5 | 0·858 | 72 | 203 | SE by E | 55 | ... | Do. |
| 10 | 29·762 | 0·134 | 84·1 | 78·9 | 89·4 | 78·6 | 145·1 | 77·5 | 0·919 | 79 | 319 | S by E | 37 | ... | Fine with passing clouds. |
| 11 | 29·719 | 0·137 | 86·8 | 79·2 | 99·3 | 81·3 | 148·0 | 79·7 | 0·897 | 70 | 346 | S by E | 25 | ... | Do. |
| 12 | 29·715 | 0·141 | 87·8 | 81·2 | 102·5 | 81·3 | 150·9 | 80·1 | 0·978 | 74 | 324 | South | 30 | ... | Do. |
| 13 | 29·694 | 0·125 | 86·6 | 80·3 | 101·2 | 82·1 | 150·3 | 81·3 | 0·949 | 75 | 273 | S S E | 35 | ... | Fine with passing clouds: lg. |
| 14 | 29·696 | 0·144 | 88·0 | 79·8 | 102·5 | 81·4 | 150·8 | 80·1 | 0·906 | 69 | 268 | S by E | 15 | ... | Fine. |
| 15 | 29·749 | 0·129 | 87·2 | 80·9 | 102·4 | 81·8 | 147·1 | 80·7 | 0·970 | 75 | 306 | S by E | 18 | ... | Do. |
| 16 | 29·733 | 0·157 | 89·3 | 81·7 | 100·9 | 82·2 | 150·3 | 80·6 | 0·979 | 72 | 278 | S by E | 27 | ... | Fine with passing clouds. |
| 17 | 29·671 | 0·156 | 89·3 | 83·4 | 103·8 | 83·4 | 151·3 | 82·6 | 1·065 | 77 | 314 | S by E | 30 | ... | Do. |
| 18 | 29·664 | 0·133 | 87·3 | 81·5 | 93·3 | 83·2 | 140·9 | 82·4 | 0·999 | 77 | 290 | S S E | 40 | ... | Do. |
| 19 | 29·668 | 0·135 | 87·5 | 79·5 | 96·0 | 82·2 | 145·9 | 81·4 | 0·901 | 70 | 233 | S S E | 30 | ... | Do. |
| 20 | 29·679 | 0·141 | 88·6 | 79·1 | 98·1 | 82·1 | 146·7 | 81·2 | 0·867 | 64 | 207 | S by E | 18 | ... | Do. |
| 21 | 29·644 | 0·130 | 90·1 | 80·9 | 105·7 | 82·2 | 150·5 | 80·8 | 0·932 | 66 | 218 | S by E | 22 | ... | Do. |
| 22 | 29·667 | 0·124 | 89·8 | 78·7 | 105·7 | 83·9 | 147·4 | 82·1 | 0·832 | 60 | 224 | South | 30 | ... | Do. |
| 23 | 29·667 | 0·114 | 90·1 | 80·0 | 106·1 | 83·6 | 148·8 | 82·2 | 0·889 | 63 | 248 | S by E | 25 | ... | Do. |
| 24 | 29·659 | 0·114 | 91·4 | 78·5 | 107·7 | 82·8 | 149·7 | 80·6 | 0·801 | 54 | 217 | S S W | 30 | ... | Do. |
| 25 | 29·646 | 0·100 | 90·4 | 77·7 | 106·5 | 83·9 | 150·6 | 82·6 | 0·779 | 55 | 220 | S S W | 53 | ... | Passing clouds. |
| 26 | 29·655 | 0·123 | 89·8 | 77·8 | 104·5 | 83·3 | 150·8 | 82·6 | 0·793 | 56 | 232 | SW by S | 55 | ... | Do. |
| 27 | 29·663 | 0·083 | 87·9 | 77·1 | 104·8 | 82·2 | 148·9 | 79·9 | 0·785 | 59 | 276 | S by W | 35 | ... | Passing clouds: lg. W. |
| 28 | 29·691 | 0·099 | 88·0 | 79·4 | 102·9 | 81·9 | 147·9 | 80·7 | 0·889 | 67 | 205 | South | 30 | ... | Fine with passing clouds: lg |
| 29 | 29·728 | 0·112 | 86·3 | 80·3 | 93·7 | 81·8 | 142·1 | 80·6 | 0·954 | 76 | 239 | S S E | 35 | ... | Fine with passing clouds. |
| 30 | 29·781 | 0·107 | 85·3 | 79·8 | 92·2 | 80·4 | 142·9 | 78·6 | 0·944 | 78 | 230 | SE by S | 55 | ... | Passing clouds. |
| 31 | 29·794 | 0·133 | 84·5 | 78·6 | 91·7 | 80·4 | 148·0 | 78·8 | 0·899 | 76 | 177 | S S E | 55 | ... | Do. |
| Mean | 29·709 | 0·125 | 87·5 | 79·7 | 98·7 | 81·7 | 147·9 | 80·3 | 0·910 | 70 | 241 | S S E | 36 | *Nil.* | |

# Madras Meteorological Observations. 1883—June.

| June 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·798 | 0·117 | 87·1 | 78·6 | 98·5 | 80·1 | 153·9 | 78·3 | 0·864 | 67 | 158 | S by E | 37 | ... | Fine with passing clouds. |
| 2 | 29·772 | 0·149 | 87·6 | 78·6 | 99·5 | 79·8 | 154·1 | 78·7 | 0·858 | 66 | 182 | S by E | 38 | ... | Do. |
| 3 | 29·730 | 0·158 | 87·9 | 79·8 | 101·3 | 82·6 | 147·0 | 81·4 | 0·909 | 69 | 249 | S by W | 40 | 0·07 | Fine with passing clouds : th. and lg. |
| 4 | 29·722 | 0·108 | 83·0 | 78·9 | 97·8 | 75·5 | 149·9 | 73·5 | 0·935 | 83 | 173 | S by E | 65 | 0·88 | Passing clouds : rain. |
| 5 | 29·683 | 0·148 | 87·4 | 79·0 | 98·0 | 78·3 | 146·9 | 75·8 | 0·878 | 67 | 205 | SW byS | 63 | ... | Passing clouds. |
| 6 | 29·655 | 0·172 | 90·2 | 79·4 | 100·1 | 79·1 | 146·1 | 75·8 | 0·859 | 61 | 276 | W S W | 58 | ... | Do. |
| 7 | 29·621 | 0·142 | 91·0 | 78·0 | 101·0 | 84·3 | 146·2 | 83·0 | 0·784 | 54 | 252 | S W | 72 | ... | Cloudy. |
| 8 | 29·627 | 0·145 | 89·0 | 77·3 | 102·8 | 82·6 | 149·7 | 75·8 | 0·780 | 57 | 280 | SW by W | 67 | 0·01 | Do. |
| 9 | 29·645 | 0·142 | 91·7 | 77·5 | 101·4 | 82·9 | 144·5 | 81·8 | 0·753 | 51 | 323 | W S W | 55 | ... | Passing clouds. |
| 10 | 29·635 | 0·146 | 89·9 | 78·5 | 102·0 | 83·5 | 152·0 | 82·5 | 0·822 | 58 | 283 | S W | 52 | 0·09 | Do. |
| 11 | 29·653 | 0·147 | 87·6 | 78·1 | 102·8 | 81·9 | 146·5 | 79·5 | 0·835 | 64 | 267 | S W | 50 | ... | Passing clouds : lg. |
| 12 | 29·663 | 0·148 | 90·8 | 76·6 | 103·2 | 83·5 | 146·5 | 81·7 | 0·725 | 51 | 298 | S W | 48 | ... | Passing clouds. |
| 13 | 29·652 | 0·160 | 90·8 | 76·4 | 101·6 | 83·5 | 144·6 | 81·7 | 0·716 | 49 | 312 | SW by W | 62 | ... | Do. |
| 14 | 29·648 | 0·162 | 88·0 | 78·6 | 102·5 | 84·0 | 145·4 | 80·7 | 0·852 | 64 | 301 | S W | 57 | ... | Do. |
| 15 | 29·654 | 0·159 | 87·5 | 78·7 | 102·3 | 83·5 | 145·6 | 80·5 | 0·864 | 66 | 286 | S W | 63 | ... | Do. |
| 16 | 29·663 | 0·125 | 87·2 | 78·8 | 103·4 | 81·6 | 147·5 | 79·9 | 0·872 | 67 | 244 | S by W | 52 | 0·02 | Do. |
| 17 | 29·653 | 0·121 | 86·7 | 80·5 | 105·1 | 80·9 | 150·7 | 78·0 | 0·958 | 75 | 259 | S by W | 45 | ... | Do. |
| 18 | 29·672 | 0·102 | 86·4 | 80·2 | 98·9 | 80·0 | 142·7 | 78·6 | 0·948 | 75 | 201 | S S E | 75 | ... | Cloudy. |
| 19 | 29·675 | 0·128 | 86·4 | 79·9 | 100·4 | 79·1 | 144·6 | 78·3 | 0·934 | 74 | 208 | S by W | 68 | ... | Do. |
| 20 | 29·723 | 0·090 | 83·4 | 78·0 | 94·5 | 76·7 | 145·0 | 75·6 | 0·887 | 77 | 195 | South | 55 | ... | Passing clouds. |
| 21 | 29·753 | 0·090 | 81·4 | 77·9 | 87·5 | 77·0 | 123·0 | 75·6 | 0·910 | 85 | 131 | S S E | 95 | 0·14 | Cloudy : rain. |
| 22 | 29·733 | 0·127 | 84·0 | 78·2 | 96·1 | 78·0 | 139·5 | 77·1 | 0·888 | 76 | 188 | S S W | 60 | ... | Passing clouds : lg. |
| 23 | 29·716 | 0·123 | 82·4 | 77·9 | 95·2 | 77·7 | 145·2 | 77·4 | 0·896 | 81 | 223 | S W | 73 | 0·41 | Cloudy : rain. |
| 24 | 29·718 | 0·118 | 82·0 | 78·0 | 88·7 | 76·2 | 113·0 | 75·2 | 0·906 | 83 | 213 | S S W | 100 | 0·16 | Overcast : rain. |
| 25 | 29·764 | 0·082 | 84·1 | 76·9 | 92·6 | 78·8 | 137·7 | 77·2 | 0·829 | 71 | 166 | S by W | 92 | 0·06 | Cloudy : th. and lg. |
| 26 | 29·752 | 0·118 | 84·1 | 77·6 | 90·8 | 78·0 | 124·9 | 76·1 | 0·860 | 74 | 147 | S S W | 90 | 0·01 | Cloudy. |
| 27 | 29·711 | 0·141 | 85·0 | 76·4 | 96·4 | 79·7 | 140·2 | 78·5 | 0·793 | 66 | 176 | S S W | 88 | 0·27 | Cloudy : rain. |
| 28 | 29·710 | 0·114 | 84·8 | 76·5 | 95·7 | 79·2 | 136·5 | 78·6 | 0·802 | 67 | 180 | S W | 100 | 0·19 | Overcast : rain. |
| 29 | 29·748 | 0·106 | 84·0 | 77·1 | 91·7 | 77·7 | 133·4 | 76·9 | 0·838 | 72 | 179 | S W | 97 | ... | Cloudy. |
| 30 | 29·741 | 0·121 | 85·7 | 77·7 | 94·5 | 81·0 | 125·2 | 79·7 | 0·843 | 68 | 202 | S W | 88 | ... | Do. |
| Mean | 29·696 | 0·130 | 86·6 | 78·2 | 98·2 | 80·2 | 142·3 | 78·4 | 0·852 | 68 | 225 | S S W | 67 | 2·31 | |

# Madras Meteorological Observations. 1883—July.

| July 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·728 | 0·120 | 84·4 | 76·7 | 97·6 | 80·4 | 141·3 | 78·7 | 0·816 | 70 | 214 | SW by W | 70 | 1·77 | Cloudy: thunderstorm after 9 P.M. |
| 2 | 29·745 | 0·109 | 78·5 | 75·5 | 94·6 | 74·0 | 143·8 | 73·5 | 0·814 | 87 | 121 | S W | 80 | 0·17 | Cloudy: th., lg. and rain. |
| 3 | 29·791 | 0·117 | 83·6 | 78·3 | 94·7 | 76·7 | 137·8 | 75·5 | 0·900 | 78 | 149 | S S W | 50 | ... | Passing clouds. |
| 4 | 29·804 | 0·106 | 84·1 | 77·8 | 96·2 | 79·2 | 146·8 | 77·7 | 0·869 | 74 | 164 | S S W | 42 | ... | Fine with passing clouds: th. & lg. |
| 5 | 29·745 | 0·123 | 85·1 | 76·9 | 96·7 | 78·4 | 143·5 | 75·5 | 0·815 | 68 | 161 | SW by S | 70 | 0·01 | Cloudy: th.: lg. S. W. |
| 6 | 29·744 | 0·096 | 82·6 | 75·7 | 92·3 | 77·0 | 121·8 | 74·5 | 0·796 | 71 | 194 | S W | 100 | 0·28 | Overcast: th. & lg. S. W.: rain. |
| 7 | 29·711 | 0·135 | 81·0 | 75·5 | 91·9 | 74·0 | 135·8 | 72·2 | 0·810 | 77 | 164 | S W | 100 | 1·22 | Over.: sharp thunderstorm after 6 P.M. |
| 8 | 29·694 | 0·120 | 83·1 | 75·6 | 91·4 | 75·4 | 141·0 | 74·5 | 0·786 | 69 | 190 | SW by W | 95 | ... | Overcast. |
| 9 | 29·709 | 0·157 | 84·5 | 77·5 | 93·2 | 77·7 | 140·8 | 75·8 | 0·850 | 72 | 242 | SW by W | 95 | ... | Cloudy. |
| 10 | 29·708 | 0·143 | 83·2 | 75·3 | 94·5 | 76·4 | 142·6 | 73·7 | 0·772 | 67 | 232 | SW by S | 98 | ... | Do. |
| 11 | 29·688 | 0·162 | 82·5 | 75·6 | 94·1 | 79·0 | 145·8 | 77·7 | 0·793 | 71 | 181 | S W | 90 | 0·19 | Cloudy with rain. |
| 12 | 29·669 | 0·110 | 79·4 | 74·8 | 91·6 | 77·0 | 123·9 | 74·5 | 0·802 | 80 | 176 | W S W | 95 | 0·45 | Do. |
| 13 | 29·644 | 0·136 | 81·2 | 76·1 | 88·6 | 75·0 | 116·8 | 73·5 | 0·833 | 78 | 93 | SW by W | 100 | 0·03 | Overcast. |
| 14 | 29·634 | 0·116 | 83·3 | 75·0 | 91·0 | 78·8 | 131·6 | 75·3 | 0·758 | 67 | 206 | S W | 100 | 0·04 | Do. |
| 15 | 29·725 | 0·125 | 83·8 | 76·2 | 93·5 | 79·0 | 145·6 | 77·7 | 0·803 | 69 | 198 | S by W | 60 | ... | Passing clouds. |
| 16 | 29·800 | 0·138 | 83·7 | 75·9 | 96·5 | 79·0 | 144·8 | 75·5 | 0·791 | 68 | 186 | SW by S | 70 | 0·01 | Cloudy. |
| 17 | 29·784 | 0·143 | 84·9 | 77·2 | 97·6 | 79·0 | 144·8 | 77·4 | 0·831 | 70 | 185 | S S W | 50 | 0·47 | Passing clouds: rain. |
| 18 | 29·764 | 0·151 | 80·7 | 76·0 | 87·0 | 74·0 | 113·0 | 71·9 | 0·835 | 80 | 126 | S S W | 90 | 0·17 | Cloudy: rain. |
| 19 | 29·742 | 0·141 | 81·5 | 76·0 | 93·2 | 77·7 | 140·6 | 74·5 | 0·825 | 77 | 183 | S S W | 70 | 0·84 | Passing clouds: th. & lg. after 8½ P.M. |
| 20 | 29·758 | 0·094 | 80·4 | 76·7 | 85·8 | 74·2 | 108·6 | 73·4 | 0·870 | 85 | 130 | SW by S | 97 | 0·25 | Cloudy: rain. |
| 21 | 29·752 | 0·150 | 83·3 | 77·3 | 91·9 | 76·4 | 142·4 | 74·0 | 0·857 | 75 | 159 | S by W | 70 | 0·04 | Cloudy. |
| 22 | 29·718 | 0·120 | 83·9 | 75·7 | 90·1 | 78·2 | 123·4 | 76·6 | 0·778 | 68 | 186 | SW by W | 65 | ... | Do. |
| 23 | 29·712 | 0·127 | 84·0 | 76·5 | 93·1 | 78·2 | 142·1 | 77·1 | 0·813 | 70 | 192 | SW by W | 98 | 0·06 | Do. |
| 24 | 29·721 | 0·100 | 83·8 | 76·2 | 89·7 | 78·2 | 137·0 | 76·7 | 0·803 | 69 | 176 | SW by W | 78 | ... | Do. |
| 25 | 29·716 | 0·162 | 86·8 | 76·2 | 97·4 | 79·2 | 146·9 | 77·5 | 0·762 | 60 | 223 | W by S | 60 | 0·02 | Passing clouds. |
| 26 | 29·708 | 0·142 | 86·2 | 75·0 | 95·9 | 78·8 | 137·2 | 77·5 | 0·718 | 58 | 226 | W by S | 75 | ... | Cloudy. |
| 27 | 29·687 | 0·134 | 84·7 | 76·4 | 96·0 | 79·6 | 143·0 | 78·5 | 0·799 | 67 | 197 | W S W | 65 | 0·29 | Passing clouds: lg.: rain. |
| 28 | 29·700 | 0·104 | 81·8 | 76·8 | 95·8 | 76·4 | 145·1 | 74·9 | 0·856 | 79 | 151 | SW by S | 50 | 0·07 | Passing clouds. |
| 29 | 29·721 | 0·114 | 83·2 | 76·4 | 93·6 | 77·2 | 146·0 | 75·5 | 0·819 | 72 | 156 | S by W | 37 | ... | Do. |
| 30 | 29·724 | 0·130 | 85·1 | 77·7 | 95·8 | 79·0 | 145·6 | 77·6 | 0·851 | 70 | 166 | South | 50 | ... | Do. |
| 31 | 29·709 | 0·130 | 84·5 | 78·3 | 96·3 | 78·2 | 144·8 | 77·7 | 0·886 | 75 | 207 | S by W | 55 | ... | Do. |
| Mean | 29·724 | 0·128 | 83·2 | 76·3 | 93·5 | 77·5 | 137·6 | 75·7 | 0·817 | 72 | 179 | SW by S | 75 | 6·38 | |

# Madras Meteorological Observations. 1883—August.

| August 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·697 | 0·116 | 84·5 | 78·8 | 96·5 | 79·2 | 149·8 | 77·5 | 0·909 | 77 | 189 | South | 62 | 0·56 | Cloudy : lg. : rain. |
| 2 | 29·726 | 0·147 | 83·3 | 77·3 | 94·9 | 76·6 | 141·3 | 75·5 | 0·857 | 75 | 147 | S by E | 58 | 0·01 | Passing clouds. |
| 3 | 29·741 | 0·132 | 83·4 | 77·1 | 96·7 | 76·8 | 147·8 | 74·5 | 0·847 | 74 | 197 | South | 52 | ... | Do. |
| 4 | 29·714 | 0·137 | 84·3 | 78·2 | 97·1 | 76·6 | 150·8 | 74·8 | 0·883 | 75 | 167 | S by E | 48 | ... | Fine with passing clouds. |
| 5 | 29·699 | 0·123 | 82·6 | 77·0 | 97·4 | 77·6 | 138·2 | 75·5 | 0·854 | 77 | 210 | S S W | 52 | ... | Fine with passing clouds : th. & lg. |
| 6 | 29·718 | 0·088 | 83·3 | 78·1 | 94·8 | 75·3 | 149·0 | 73·7 | 0·893 | 79 | 211 | S by W | 60 | 0·17 | Passing clouds : rain. |
| 7 | 29·774 | 0·114 | 84·7 | 79·2 | 93·8 | 78·8 | 143·8 | 77·3 | 0·925 | 77 | 176 | S by E | 30 | ... | Fine with passing clouds. |
| 8 | 29·769 | 0·134 | 84·5 | 78·7 | 92·3 | 78·8 | 145·6 | 77·7 | 0·904 | 76 | 154 | SE by S | 20 | ... | Fine. |
| 9 | 29·746 | 0·131 | 82·9 | 78·6 | 89·9 | 78·2 | 145·7 | 76·8 | 0·922 | 82 | 168 | SE by S | 38 | ... | Fine with passing clouds. |
| 10 | 29·746 | 0·106 | 84·6 | 79·0 | 92·8 | 78·2 | 151·0 | 76·5 | 0·917 | 77 | 186 | S S E | 22 | ... | Do. |
| 11 | 29·770 | 0·121 | 84·6 | 78·5 | 92·4 | 79·2 | 146·6 | 78·5 | 0·894 | 76 | 177 | S by E | 22 | ... | Do. |
| 12 | 29·785 | 0·118 | 84·5 | 79·1 | 91·3 | 78·6 | 145·7 | 77·0 | 0·922 | 77 | 160 | S by E | 30 | ... | Do. |
| 13 | 29·814 | 0·137 | 83·9 | 78·2 | 96·1 | 77·6 | 149·3 | 76·3 | 0·889 | 77 | 144 | S by E | 33 | ... | Do. |
| 14 | 29·785 | 0·138 | 84·3 | 78·6 | 93·1 | 78·4 | 148·6 | 76·3 | 0·902 | 75 | 160 | SE by S | 32 | ... | Do. |
| 15 | 29·738 | 0·164 | 85·8 | 79·5 | 93·3 | 79·0 | 144·8 | 77·3 | 0·924 | 75 | 238 | S by E | 48 | ... | Passsing clouds. |
| 16 | 29·737 | 0·134 | 84·4 | 78·3 | 97·0 | 79·6 | 146·6 | 78·4 | 0·887 | 75 | 183 | S by W | 65 | ... | Do. |
| 17 | 29·701 | 0·132 | 84·3 | 76·9 | 98·4 | 77·8 | 152·6 | 77·6 | 0·827 | 70 | 189 | S W | 58 | 0·09 | Do. |
| 18 | 29·693 | 0·147 | 84·0 | 76·8 | 97·1 | 77·4 | 150·9 | 76·4 | 0·826 | 71 | 194 | S W by S | 70 | ... | Cloudy. |
| 19 | 29·690 | 0·098 | 80·3 | 76·4 | 96·5 | 77·2 | 149·5 | 76·6 | 0·858 | 82 | 189 | S W | 70 | 1·23 | Cloudy : thunderstorm at 2 P.M. |
| 20 | 29·718 | 0·095 | 82·9 | 76·6 | 89·6 | 78·2 | 121·5 | 75·6 | 0·833 | 74 | 183 | W S W | 97 | ... | Cloudy. |
| 21 | 29·742 | 0·115 | 79·5 | 75·2 | 91·4 | 77·9 | 141·3 | 76·7 | 0·820 | 81 | 188 | W S W | 100 | 0·28 | Overcast : rain. |
| 22 | 29·721 | 0·151 | 80·4 | 75·3 | 92·9 | 74·5 | 142·3 | 73·1 | 0·810 | 78 | 209 | W S W | 98 | 0·07 | Cloudy. |
| 23 | 29·672 | 0·148 | 83·5 | 76·6 | 92·1 | 76·8 | 140·8 | 75·6 | 0·822 | 72 | 205 | W by S | 67 | 0·18 | Cloudy : rain. |
| 24 | 29·645 | 0·119 | 84·1 | 74·8 | 93·0 | 76·4 | 143·5 | 74·8 | 0·738 | 64 | 242 | W by N | 90 | ... | Cloudy. |
| 25 | 29·639 | 0·139 | 84·1 | 75·3 | 92·5 | 78·8 | 140·9 | 77·6 | 0·760 | 64 | 228 | W by S | 93 | ... | Do. |
| 26 | 29·632 | 0·133 | 85·8 | 76·6 | 94·5 | 77·2 | 148·9 | 75·8 | 0·793 | 64 | 248 | S S W | 65 | ... | Passing clouds. |
| 27 | 29·645 | 0·148 | 85·2 | 78·3 | 96·5 | 77·4 | 151·1 | 74·2 | 0·877 | 72 | 251 | S by W | 53 | ... | Do. |
| 28 | 29·648 | 0·140 | 87·4 | 77·8 | 98·9 | 79·2 | 151·9 | 75·6 | 0·825 | 64 | 273 | S S W | 65 | ... | Do. |
| 29 | 29·673 | 0·131 | 85·1 | 76·2 | 95·7 | 79·4 | 141·1 | 77·9 | 0·784 | 64 | 205 | SW by S | 75 | 0·30 | Cloudy : lg. S. : rain. |
| 30 | 29·721 | 0·133 | 84·0 | 76·3 | 94·3 | 76·9 | 148·6 | 74·0 | 0·804 | 68 | 191 | SW by S | 80 | 0·08 | Cloudy : lg. S. |
| 31 | 29·745 | 0·098 | 84·8 | 76·3 | 94·2 | 76·2 | 148·0 | 73·6 | 0·793 | 66 | 201 | SW by S | 67 | 0·01 | Cloudy. |
| Mean | 29·718 | 0·128 | 83·9 | 77·4 | 94·4 | 77·7 | 145·7 | 76·1 | 0·854 | 73 | 196 | S S W | 59 | 2·98 | |

# Madras Meteorological Observations. 1883—September.

| September 1883 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·750 | 0·135 | 85·6 | 75·7 | 97·0 | 77·9 | 145·6 | 75·7 | 0·757 | 61 | 207 | SW by S | 50 | 0·01 | Passing clouds. |
| 2 | 29·778 | 0·107 | 83·9 | 75·4 | 92·7 | 79·4 | 127·0 | 77·7 | 0·767 | 65 | 202 | S W | 97 | ... | Cloudy. |
| 3 | 29·804 | 0·119 | 85·6 | 75·5 | 93·9 | 79·3 | 143·1 | 77·7 | 0·748 | 61 | 201 | SW by S | 88 | ... | Do. |
| 4 | 29·795 | 0·158 | 86·0 | 75·7 | 98·4 | 76·6 | 148·5 | 75·0 | 0·752 | 60 | 217 | SW by S | 35 | ... | Fine with passing clouds. |
| 5 | 29·718 | 0·176 | 86·9 | 74·7 | 96·1 | 78·2 | 152·2 | 73·9 | 0·696 | 55 | 236 | SW by S | 52 | ... | Passing clouds. |
| 6 | 29·708 | 0·118 | 83·8 | 76·3 | 93·5 | 81·4 | 145·0 | 80·7 | 0·807 | 69 | 268 | SW by W | 80 | 0·03 | Cloudy. |
| 7 | 29·730 | 0·127 | 83·6 | 74·9 | 93·7 | 77·2 | 146·4 | 76·7 | 0·750 | 64 | 234 | SW by S | 93 | ... | Do. |
| 8 | 29·759 | 0·135 | 87·0 | 77·0 | 99·2 | 79·5 | 153·7 | 76·7 | 0·794 | 62 | 223 | S W | 62 | 0·03 | Passing clouds. |
| 9 | 29·779 | 0·146 | 87·1 | 76·6 | 98·7 | 79·6 | 150·2 | 77·9 | 0·775 | 60 | 259 | S W | 55 | ... | Do. |
| 10 | 29·792 | 0·155 | 86·2 | 77·7 | 96·1 | 79·2 | 140·5 | 76·7 | 0·834 | 67 | 204 | SW by W | 95 | ... | Cloudy. |
| 11 | 29·808 | 0·152 | 84·9 | 76·5 | 98·3 | 78·3 | 146·0 | 77·0 | 0·801 | 66 | 193 | S S W | 88 | ... | Do. |
| 12 | 29·814 | 0·139 | 84·8 | 76·9 | 97·6 | 79·6 | 143·6 | 78·5 | 0·820 | 68 | 193 | S by W | 75 | ... | Do. |
| 13 | 29·815 | 0·154 | 84·1 | 77·0 | 99·5 | 77·6 | 154·5 | 74·5 | 0·833 | 72 | 170 | S S W | 67 | ... | Do. |
| 14 | 29·816 | 0·144 | 83·8 | 76·3 | 92·9 | 78·6 | 150·0 | 77·7 | 0·807 | 69 | 134 | South | 62 | ... | Passing clouds. |
| 15 | 29·810 | 0·133 | 85·3 | 77·2 | 96·9 | 77·9 | 155·5 | 76·4 | 0·826 | 68 | 173 | S by E | 28 | ... | Fine with passing clouds. |
| 16 | 29·804 | 0·122 | 85·1 | 77·8 | 98·4 | 77·4 | 153·5 | 76·3 | 0·856 | 71 | 173 | S by W | 35 | ... | Do. |
| 17 | 29·819 | 0·152 | 82·0 | 76·7 | 88·3 | 77·6 | 118·0 | 76·1 | 0·848 | 78 | 126 | S by E | 75 | ... | Cloudy. |
| 18 | 29·816 | 0·138 | 82·7 | 77·2 | 90·7 | 76·7 | 127·0 | 74·5 | 0·861 | 77 | 128 | S by E | 82 | ... | Do. |
| 19 | 29·759 | 0·133 | 85·1 | 77·5 | 102·3 | 76·5 | 156·5 | 74·2 | 0·843 | 70 | 181 | South | 50 | ... | Passing clouds. |
| 20 | 29·756 | 0·125 | 85·0 | 75·6 | 97·8 | 77·7 | 152·8 | 76·4 | 0·760 | 63 | 197 | S by E | 60 | ... | Do. |
| 21 | 29·780 | 0·122 | 86·0 | 76·6 | 97·6 | 79·0 | 151·3 | 76·5 | 0·790 | 63 | 198 | S by E | 60 | ... | Do. |
| 22 | 29·817 | 0·108 | 85·5 | 76·7 | 98·0 | 78·8 | 152·6 | 76·1 | 0·801 | 65 | 173 | S by E | 57 | ... | Do. |
| 23 | 29·818 | 0·138 | 85·2 | 76·2 | 97·7 | 76·2 | 160·7 | 73·5 | 0·783 | 64 | 161 | SE by S | 55 | ... | Do. |
| 24 | 29·803 | 0·142 | 84·3 | 77·5 | 95·6 | 76·2 | 153·4 | 74·0 | 0·853 | 73 | 148 | SE by S | 50 | ... | Do. |
| 25 | 29·796 | 0·132 | 84·2 | 76·9 | 95·9 | 78·3 | 149·8 | 75·7 | 0·827 | 71 | 160 | SE by S | 50 | ... | Do. |
| 26 | 29·803 | 0·128 | 84·9 | 78·3 | 94·0 | 79·2 | 149·8 | 78·3 | 0·881 | 74 | 158 | S E | 40 | ... | Fine with passing clouds. |
| 27 | 29·786 | 0·155 | 84·1 | 77·9 | 91·0 | 79·6 | 145·4 | 78·5 | 0·873 | 75 | 219 | SE by S | 35 | ... | Do. |
| 28 | 29·798 | 0·157 | 83·1 | 76·1 | 93·0 | 75·0 | 144·9 | 72·7 | 0·807 | 71 | 198 | South | 47 | 0·04 | Passing clouds. |
| 29 | 29·848 | 0·116 | 84·2 | 77·2 | 96·9 | 76·6 | 155·2 | 75·7 | 0·840 | 72 | 188 | S by W | 43 | 0·13 | Passing clouds with rain. |
| 30 | 29·858 | 0·140 | 81·7 | 77·8 | 95·1 | 72·2 | 147·0 | 71·7 | 0·901 | 83 | 173 | S by W | 45 | 0·32 | Do. |
| Mean | 29·791 | 0·137 | 84·7 | 76·6 | 95·9 | 77·9 | 147·3 | 76·1 | 0·810 | 68 | 190 | S by W | 60 | 0·56 | |

# Madras Meteorological Observations. 1883—October.

| October 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·819 | 0·144 | 84·8 | 78·3 | 95·6 | 78·2 | 148·1 | 75·6 | 0·881 | 74 | 129 | S E | 47 | ... | Fine with passing clouds. |
| 2 | 29·821 | 0·079 | 77·6 | 77·3 | 89·7 | 78·6 | 147·1 | 77·0 | 0·935 | 97 | 72 | S W | 100 | 4·88 | Overcast: thunderstorm. |
| 3 | 29·864 | 0·113 | 76·7 | 75·3 | 81·0 | 74·4 | 98·6 | 73·4 | 0·859 | 93 | 65 | S W | 93 | 0·20 | Cloudy: rain. |
| 4 | 29·887 | 0·143 | 78·3 | 76·3 | 85·3 | 75·1 | 121·7 | 71·6 | 0·881 | 91 | 66 | N W by N | 87 | 0·34 | Do. : do. |
| 5 | 29·830 | 0·144 | 80·2 | 77·0 | 88·1 | 75·9 | 131·7 | 70·6 | 0·886 | 86 | 60 | N E | 82 | ... | Cloudy. |
| 6 | 29·804 | 0·135 | 81·3 | 78·1 | 90·8 | 75·9 | 130·7 | 74·0 | 0·920 | 86 | 83 | South | 67 | 0·01 | Do. |
| 7 | 29·819 | 0·110 | 79·5 | 75·4 | 90·9 | 74·4 | 144·0 | 72·8 | 0·827 | 82 | 123 | S W by S | 72 | 0·08 | Do. |
| 8 | 29·840 | 0·096 | 79·4 | 74·9 | 92·0 | 73·1 | 137·0 | 70·6 | 0·806 | 80 | 99 | West | 90 | ... | Do. |
| 9 | 29·864 | 0·122 | 80·9 | 76·1 | 90·2 | 75·4 | 139·8 | 73·6 | 0·837 | 79 | 70 | S by W | 67 | ... | Do. |
| 10 | 29·847 | 0·118 | 80·4 | 77·1 | 88·2 | 74·6 | 120·7 | 72·6 | 0·888 | 86 | 60 | SE by E | 65 | ... | Do. |
| 11 | 29·863 | 0·126 | 79·2 | 76·2 | 87·2 | 74·6 | 135·8 | 73·2 | 0·864 | 87 | 92 | N E | 70 | 0·48 | Cloudy; rain. |
| 12 | 29·867 | 0·134 | 78·3 | 75·7 | 83·2 | 74·4 | 115·8 | 73·6 | 0·855 | 89 | 65 | NE by N | 100 | 0·36 | Overcast: rain. |
| 13 | 29·860 | 0·154 | 78·5 | 75·0 | 85·7 | 76·6 | 136·2 | 73·9 | 0·822 | 84 | 153 | N N E | 90 | 1·81 | Overcast: th. and lg.: rain. |
| 14 | 29·886 | 0·126 | 76·7 | 75·0 | 80·2 | 72·9 | 102·8 | 72·6 | 0·847 | 93 | 120 | N E | 100 | 1·51 | Overcast with rain. |
| 15 | 29·940 | 0·080 | 75·9 | 74·4 | 81·7 | 74·2 | 110·9 | 73·5 | 0·832 | 93 | 96 | North | 100 | 1·06 | Overcast. |
| 16 | 29·874 | 0·150 | 75·2 | 73·5 | 81·6 | 74·4 | 113·8 | 73·3 | 0·804 | 93 | 188 | North | 100 | 3·40 | Overcast: th. and lg. |
| 17 | 29·871 | 0·082 | 77·8 | 73·7 | 81·0 | 71·6 | 127·8 | 71·5 | 0·778 | 82 | 154 | S E | 82 | 0·57 | Cloudy: rain. |
| 18 | 29·936 | 0·132 | 79·0 | 76·2 | 86·3 | 76·0 | 140·0 | 73·7 | 0·868 | 88 | 102 | S by E | 68 | 0·16 | Passing clouds: rain. |
| 19 | 29·934 | 0·145 | 80·1 | 76·5 | 86·0 | 75·2 | 139·8 | 73·3 | 0·866 | 85 | 106 | S E | 52 | 0·10 | Do. : do. |
| 20 | 29·954 | 0·145 | 80·4 | 76·0 | 87·2 | 75·0 | 141·2 | 73·5 | 0·839 | 80 | 77 | S E | 52 | 0·12 | Do. : do. |
| 21 | 29·934 | 0·154 | 79·0 | 75·5 | 86·9 | 74·6 | 140·0 | 73·1 | 0·837 | 85 | 73 | SE by E | 55 | 0·37 | Do. : do. |
| 22 | 29·921 | 0·150 | 79·7 | 75·7 | 87·6 | 74·7 | 142·6 | 73·5 | 0·836 | 89 | 85 | East | 53 | ... | Passing clouds. |
| 23 | 29·937 | 0·121 | 80·4 | 74·7 | 88·1 | 73·4 | 141·0 | 70·5 | 0·785 | 76 | 76 | E by N | 40 | ... | Fine with passing clouds. |
| 24 | 29·899 | 0·126 | 79·8 | 75·5 | 88·6 | 74·4 | 146·4 | 71·5 | 0·827 | 81 | 109 | NE by N | 32 | ... | Do. |
| 25 | 29·892 | 0·106 | 80·4 | 76·4 | 89·1 | 73·8 | 145·8 | 71·7 | 0·857 | 82 | 127 | NE by N | 45 | 0·02 | Do. |
| 26 | 29·892 | 0·117 | 79·8 | 76·0 | 87·9 | 72·4 | 136·4 | 70·5 | 0·848 | 84 | 161 | NE by N | 78 | 0·16 | Cloudy: rain. |
| 27 | 29·948 | 0·109 | 73·8 | 72·5 | 75·5 | 73·0 | 91·3 | 72·1 | 0·783 | 94 | 128 | N N E | 100 | 2·89 | Overcast: rain. |
| 28 | 29·926 | 0·092 | 75·0 | 73·5 | 80·1 | 72·6 | 128·4 | 71·7 | 0·807 | 93 | 191 | North | 100 | 2·12 | Do. : do. |
| 29 | 29·860 | 0·119 | 74·8 | 73·6 | 77·2 | 72·9 | 90·8 | 71·4 | 0·814 | 94 | 154 | North | 100 | 1·54 | Do. : do. |
| 30 | 29·778 | 0·132 | 75·7 | 74·0 | 79·1 | 73·6 | 119·6 | 71·7 | 0·818 | 93 | 202 | N by W | 98 | ... | Overcast. |
| 31 | 29·795 | 0·126 | 78·7 | 75·9 | 84·2 | 73·0 | 137·6 | 71·5 | 0·858 | 88 | 102 | SW by W | 85 | ... | Cloudy. |
| Mean | 29·876 | 0·124 | 78·6 | 75·5 | 85·8 | 74·5 | 129·1 | 72·7 | 0·844 | 87 | 109 | NE by N | 76 | 22·18 | |

*Note.*—The weather on the 2nd was remarkable. There was continuous thunder for several hours in the morning: heavy rain at noon—exactly 3 inches being recorded by 1 P.M.—and continuing less heavily but steadily till 10 P.M.

# Madras Meteorological Observations. 1883—November.

| November 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·816 | 0·117 | 79·2 | 76·3 | 84·6 | 74·0 | 135·1 | 72·8 | 0·868 | 87 | 81 | S S E | 95 | 1·87 | Cloudy with rain. |
| 2 | 29·810 | 0·104 | 79·1 | 75·4 | 84·3 | 74·8 | 138·0 | 72·9 | 0·831 | 83 | 195 | S E by S | 80 | 2·46 | Do. |
| 3 | 29·873 | 0·116 | 78·2 | 75·4 | 84·5 | 72·5 | 127·6 | 71·8 | 0·844 | 87 | 139 | S E | 82 | 2·12 | Do. |
| 4 | 29·913 | 0·104 | 76·4 | 74·7 | 81·8 | 73·6 | 135·2 | 72·6 | 0·838 | 93 | 99 | N N E | 100 | 1·15 | Overcast with rain. |
| 5 | 29·912 | 0·133 | 79·3 | 75·9 | 85·7 | 75·4 | 136·4 | 74·6 | 0·850 | 85 | 130 | NE by N | 65 | 0·27 | Cloudy with rain. |
| 6 | 29·939 | 0·112 | 79·3 | 76·4 | 86·4 | 75·2 | 137·3 | 72·6 | 0·871 | 86 | 111 | N E | 70 | 0·12 | Do. |
| 7 | 29·939 | 0·109 | 79·7 | 76·2 | 87·2 | 75·4 | 138·8 | 72·8 | 0·858 | 85 | 150 | NE by E | 83 | 0·14 | Do. |
| 8 | 29·902 | 0·114 | 77·8 | 74·9 | 83·9 | 73·5 | 135·8 | 72·0 | 0·827 | 86 | 132 | N N E | 75 | 0·41 | Do. |
| 9 | 29·903 | 0·119 | 77·7 | 73·0 | 84·5 | 75·0 | 139·7 | 73·6 | 0·750 | 80 | 131 | N E | 67 | 0·02 | Passing clouds. |
| 10 | 29·898 | 0·097 | 76·5 | 72·8 | 84·9 | 71·7 | 138·0 | 69·4 | 0·758 | 84 | 117 | NE by N | 38 | ... | Fine with passing clouds. |
| 11 | 29·883 | 0·112 | 74·4 | 69·6 | 83·2 | 67·4 | 138·4 | 64·6 | 0·661 | 78 | 107 | N N E | 35 | ... | Do. |
| 12 | 29·900 | 0·134 | 74·6 | 69·2 | 84·0 | 67·6 | 149·4 | 62·8 | 0·642 | 74 | 134 | N N E | 30 | ... | Do. |
| 13 | 29·917 | 0·149 | 73·8 | 68·0 | 83·4 | 64·6 | 139·0 | 61·4 | 0·609 | 73 | 103 | N by E | 13 | ... | Fine. |
| 14 | 29·918 | 0·147 | 74·1 | 68·9 | 85·4 | 65·6 | 140·0 | 61·4 | 0·639 | 76 | 93 | N by E | 17 | ... | Do. |
| 15 | 29·898 | 0·135 | 75·3 | 68·9 | 86·1 | 66·4 | 140·8 | 62·1 | 0·622 | 71 | 113 | N N E | 35 | ... | Fine with passing clouds. |
| 16 | 29·909 | 0·101 | 75·2 | 69·5 | 85·2 | 68·2 | 140·6 | 64·5 | 0·647 | 74 | 137 | N by E | 40 | ... | Do. |
| 17 | 29·928 | 0·096 | 77·3 | 72·4 | 84·2 | 70·6 | 147·5 | 67·6 | 0·732 | 77 | 250 | N by E | 65 | ... | Cloudy. |
| 18 | 29·975 | 0·093 | 75·6 | 74·1 | 79·2 | 72·9 | 135·5 | 71·6 | 0·824 | 93 | 162 | North | 85 | 0·30 | Cloudy : rain. |
| 19 | 29·957 | 0·119 | 76·9 | 74·4 | 86·1 | 73·2 | 140·4 | 70·6 | 0·819 | 88 | 184 | E N E | 80 | 4·75 | Overcast : rain. |
| 20 | 29·963 | 0·131 | 78·2 | 72·9 | 84·1 | 73·1 | 138·3 | 72·4 | 0·739 | 77 | 251 | NE by N | 50 | 1·31 | Cloudy : rain. |
| 21 | 29·956 | 0·112 | 77·1 | 70·9 | 82·5 | 72·2 | 138·3 | 71·4 | 0·674 | 73 | 212 | N N E | 42 | ... | Fine with passing clouds. |
| 22 | 29·929 | 0·085 | 77·0 | 69·7 | 84·0 | 69·2 | 137·2 | 65·0 | 0·630 | 68 | 202 | N N E | 42 | ... | Do. |
| 23 | 29·918 | 0·098 | 75·6 | 69·5 | 83·0 | 69·4 | 137·8 | 68·2 | 0·641 | 73 | 189 | N by E | 43 | ... | Passing clouds. |
| 24 | 29·921 | 0·112 | 74·6 | 69·1 | 80·4 | 69·2 | 130·0 | 66·4 | 0·639 | 74 | 155 | North | 70 | ... | Do. |
| 25 | 29·922 | 0·118 | 73·5 | 69·4 | 82·2 | 66·2 | 138·6 | 61·8 | 0·665 | 81 | 134 | North | 40 | ... | Do. |
| 26 | 29·927 | 0·109 | 75·1 | 69·2 | 81·6 | 68·4 | 142·0 | 66·3 | 0·636 | 72 | 176 | North | 50 | ... | Do. |
| 27 | 29·868 | 0·120 | 73·9 | 68·9 | 79·5 | 70·4 | 138·2 | 69·4 | 0·641 | 76 | 223 | North | 90 | ... | Cloudy. |
| 28 | 29·846 | 0·101 | 72·8 | 67·6 | 75·4 | 69·2 | 103·3 | 68·0 | 0·607 | 76 | 261 | N N W | 98 | ... | Do. |
| 29 | 29·851 | 0·111 | 74·3 | 69·3 | 79·4 | 71·5 | 129·8 | 70·6 | 0·651 | 76 | 271 | N by W | 90 | ... | Do. |
| 30 | 29·879 | 0·113 | 75·3 | 70·2 | 80·7 | 71·2 | 142·8 | 69·6 | 0·671 | 77 | 256 | N by W | 57 | ... | Passing clouds. |
| Mean | 29·906 | 0·114 | 76·3 | 71·8 | 83·2 | 70·9 | 137·0 | 68·7 | 0·723 | 79 | 163 | NE by N | 61 | 14·92 | |

# Madras Meteorological Observations. 1883—December.

| December 1883 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·876 | 0·098 | 73·6 | 67·8 | 76·2 | 69·4 | 110·0 | 66·5 | 0·606 | 73 | 233 | N by W | 100 | ... | Overcast. |
| 2 | 29·868 | 0·113 | 73·6 | 69·6 | 75·2 | 70·1 | 99·4 | 66·5 | 0·671 | 81 | 271 | N by W | 100 | ... | Do. |
| 3 | 29·863 | 0·141 | 72·8 | 65·3 | 73·2 | 71·2 | 80·0 | 66·5 | 0·525 | 65 | 231 | N by W | 100 | ... | Do. |
| 4 | 29·886 | 0·135 | 75·1 | 69·6 | 87·5 | 69·6 | 139·1 | 67·5 | 0·651 | 75 | 103 | N N W | 32 | ... | Fine with passing clouds. |
| 5 | 29·927 | 0·116 | 73·0 | 65·2 | 84·3 | 65·5 | 138·3 | 59·5 | 0·518 | 64 | 95 | North | 10 | ... | Fine. |
| 6 | 29·976 | 0·125 | 71·4 | 66·2 | 81·6 | 63·4 | 136·7 | 56·5 | 0·575 | 75 | 157 | N by E | 5 | ... | Do. |
| 7 | 30·000 | 0·108 | 73·0 | 67·7 | 83·6 | 63·4 | 140·2 | 57·8 | 0·608 | 75 | 136 | N by E | 5 | ... | Do. |
| 8 | 30·018 | 0·112 | 75·7 | 69·6 | 82·1 | 67·4 | 129·1 | 63·0 | 0·643 | 73 | 196 | N N E | 50 | ... | Passing clouds. |
| 9 | 30·044 | 0·101 | 73·7 | 68·9 | 79·4 | 70·4 | 118·9 | 68·9 | 0·645 | 78 | 179 | N by E | 73 | ... | Cloudy. |
| 10 | 30·011 | 0·127 | 74·4 | 70·1 | 80·8 | 70·0 | 129·1 | 69·3 | 0·680 | 80 | 214 | North | 90 | 1·90 | Cloudy : rain. |
| 11 | 29·983 | 0·144 | 75·1 | 71·6 | 79·9 | 70·8 | 117·9 | 70·5 | 0·729 | 84 | 297 | N N E | 95 | 0·01 | Cloudy. |
| 12 | 29·943 | 0·126 | 72·5 | 71·3 | 74·3 | 70·2 | 77·6 | 69·2 | 0·752 | 95 | 334 | N by E | 100 | 3·21 | Overcast with rain. |
| 13 | 29·995 | 0·152 | 74·4 | 73·2 | 78·5 | 73·0 | 119·2 | 72·0 | 0·803 | 94 | 229 | East | 100 | 2·51 | Do. |
| 14 | 30·018 | 0·105 | 76·1 | 74·3 | 83·2 | 73·4 | 136·1 | 72·0 | 0·825 | 92 | 173 | N E | 95 | 2·13 | Do. |
| 15 | 29·997 | 0·125 | 73·7 | 72·7 | 80·4 | 72·3 | 119·6 | 71·1 | 0·792 | 95 | 113 | N N E | 95 | 1·09 | Do. |
| 16 | 30·019 | 0·096 | 75·6 | 72·4 | 81·4 | 72·9 | 140·9 | 72·6 | 0·754 | 85 | 109 | N by E | 67 | ... | Cloudy. |
| 17 | 30·041 | 0·139 | 75·3 | 72·6 | 82·4 | 70·6 | 139·5 | 68·8 | 0·766 | 88 | 130 | N N E | 50 | ... | Passing clouds. |
| 18 | 30·052 | 0·091 | 76·1 | 71·0 | 83·2 | 69·6 | 135·9 | 66·6 | 0·692 | 77 | 169 | N E | 45 | ... | Do. |
| 19 | 30·058 | 0·125 | 75·5 | 69·2 | 81·7 | 71·2 | 135·6 | 69·6 | 0·631 | 71 | 260 | N E | 68 | ... | Do. |
| 20 | 30·088 | 0·111 | 73·9 | 67·6 | 81·3 | 70·4 | 137·0 | 65·6 | 0·593 | 71 | 269 | NE by N | 65 | ... | Do. |
| 21 | 30·096 | 0·109 | 73·2 | 67·1 | 78·3 | 69·6 | 131·9 | 65·6 | 0·583 | 72 | 312 | N N E | 95 | .. | Cloudy. |
| 22 | 30·090 | 0·123 | 72·4 | 67·0 | 80·6 | 65·5 | 136·7 | 63·4 | 0·590 | 74 | 206 | N N E | 50 | ... | Passing clouds. |
| 23 | 30·044 | 0·092 | 72·9 | 66·9 | 80·6 | 65·4 | 138·9 | 62·8 | 0·581 | 72 | 219 | N by E | 52 | ... | Do. |
| 24 | 30·057 | 0·069 | 74·7 | 69·1 | 81·0 | 69·6 | 135·7 | 68·6 | 0·637 | 74 | 275 | N N E | 65 | ... | Do. |
| 25 | 30·084 | 0·094 | 73·4 | 69·5 | 79·6 | 69·0 | 127·4 | 68·6 | 0·670 | 81 | 264 | N N E | 90 | 0·05 | Cloudy. |
| 26 | 30·078 | 0·117 | 73·0 | 67·7 | 80·9 | 67·8 | 140·9 | 65·6 | 0·609 | 75 | 177 | N by E | 75 | ... | Do. |
| 27 | 30·083 | 0·112 | 71·1 | 65·7 | 79·6 | 63·7 | 140·6 | 60·7 | 0·562 | 73 | 132 | N N E | 65 | ... | Passing clouds. |
| 28 | 30·084 | 0·106 | 69·4 | 64·8 | 79·6 | 61·4 | 135·5 | 58·0 | 0·553 | 77 | 127 | N by E | 55 | ... | Do. |
| 29 | 30·073 | 0·105 | 69·7 | 65·9 | 78·3 | 62·4 | 135·4 | 58·6 | 0·588 | 81 | 154 | N by E | 70 | ... | Cloudy. |
| 30 | 30·062 | 0·119 | 73·0 | 68·6 | 78·4 | 66·4 | 129·0 | 62·6 | 0·641 | 79 | 211 | N by E | 70 | ... | Do. |
| 31 | 30·012 | 0·136 | 73·0 | 68·3 | 79·1 | 68·0 | 136·3 | 66·4 | 0·630 | 78 | 293 | North | 60 | ... | Passing clouds. |
| Mean | 30·014 | 0·115 | 73·6 | 68·9 | 80·2 | 68·5 | 128·0 | 65·8 | 0·648 | 78 | 202 | N N E | 67 | 10·90 | |

## Madras Mean Monthly and Annual Meteorological Results in 1883.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·990 | 0·124 | 75·6 | 84·7 | 68·1 | 16·6 | 69·3 | 65·9 | 0·634 | 71 | 142·4 | 64·6 | 169 | 5 | N E by E | 0·24 | 3 | 54 |
| February | 29·959 | 0·130 | 76·4 | 87·0 | 67·3 | 19·7 | 71·0 | 66·0 | 0·689 | 76 | 144·9 | 62·6 | 129 | 9 | E by S | 0·07 | 1 | 74 |
| March | 29·901 | 0·133 | 80·7 | 89·7 | 73·4 | 16·3 | 75·4 | 71·9 | 0·809 | 77 | 146·4 | 69·4 | 153 | 13 | S E by S | ... | ... | 69 |
| April | 29·810 | 0·137 | 83·7 | 93·4 | 76·9 | 16·5 | 77·9 | 74·9 | 0·880 | 76 | 147·4 | 74·5 | 181 | 13 | S E by S | ... | ... | 68 |
| May | 29·709 | 0·125 | 87·5 | 98·7 | 81·7 | 17·0 | 79·7 | 77·2 | 0·910 | 70 | 147·9 | 80·3 | 241 | 14 | S S E | ... | ... | 64 |
| June | 29·696 | 0·130 | 86·6 | 98·2 | 80·2 | 18·0 | 78·2 | 75·2 | 0·853 | 68 | 142·3 | 78·4 | 225 | 18 | S S W | 2·31 | 12 | 33 |
| July | 29·724 | 0·128 | 83·2 | 93·5 | 77·5 | 16·0 | 76·3 | 73·5 | 0·817 | 72 | 137·6 | 75·7 | 179 | 19 | S W by S | 6·38 | 19 | 25 |
| August | 29·718 | 0·128 | 83·9 | 94·4 | 77·7 | 16·7 | 77·4 | 74·7 | 0·854 | 73 | 145·7 | 76·1 | 196 | 18 | S S W | 2·98 | 11 | 41 |
| September | 29·791 | 0·137 | 84·7 | 95·9 | 77·9 | 18·0 | 76·6 | 73·7 | 0·810 | 68 | 147·3 | 76·1 | 190 | 17 | S by W | 0·56 | 6 | 40 |
| October | 29·876 | 0·124 | 78·6 | 85·8 | 74·5 | 11·3 | 75·5 | 73·2 | 0·844 | 87 | 129·1 | 72·7 | 109 | 3 | N E by N | 22·18 | 21 | 24 |
| November | 29·906 | 0·114 | 76·3 | 83·2 | 70·9 | 12·3 | 71·8 | 69·0 | 0·723 | 79 | 137·0 | 68·7 | 163 | 3 | N E by N | 14·92 | 12 | 39 |
| December | 30·014 | 0·115 | 73·6 | 80·2 | 68·5 | 11·7 | 68·9 | 66·5 | 0·648 | 78 | 128·0 | 65·8 | 202 | 2 | N N E | 10·90 | 7 | 33 |
| Annual | 29·841 | 0·127 | 80·9 | 90·4 | 74·6 | 15·8 | 74·8 | 71·8 | 0·789 | 75 | 141·3 | 72·1 | 178 | 11 | S E by E | 60·54 | 92 | 47 |

## Madras Extreme Monthly Meteorological Records in 1883.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·197 | 4 | 29·800 | 31 | 0·397 | 87·5 | 29 | 64·2 | 8 | 62·1 | 8 | 51 | 19 | 149·9 | 27 | 58·7 | 8 | 311 | 20 | 82 | 25 | 0·15 | 23 |
| February | 30·101 | 20 | 29·802 | 1 | 0·299 | 90·3 | 16 | 62·8 | 12 | 61·3 | 12 | 48 | 11 | 151·8 | 4 | 57·5 | 12 | 298 | 3 | 73 | 22 | 0·07 | 4 |
| March | 30·027 | 7 | 29·773 | 20 | 0·254 | 95·1 | 19 | 69·4 | 26 | 68·7 | 10 | 53 | 30 | 152·4 | 16 | 64·1 | 1 | 220 | 2 | 104 | 20 | ... | ... |
| April | 29·950 | 9 | 29·614 | 30 | 0·336 | 101·2 | 6 | 72·3 | 12 | 70·1 | 28 | 41 | 3 | 157·7 | 24 | 68·2 | 10 | 293 | 30 | 131 | 9 | ... | ... |
| May | 29·873 | 9 | 29·572 | 21 | 0·301 | 107·7 | 24 | 78·6 | 10 | 72·1 | 27 | 35 | 22 | 151·3 | 17 | 77·0 | 8 | 346 | 11 | 116 | 8 | ... | ... |
| June | 29·841 | 1 | 29·544 | 7 | 0·297 | 105·1 | 17 | 75·5 | 4 | 73·7 | 23 | 32 | 12 | 154·1 | 2 | 73·5 | 4 | 323 | 9 | 131 | 21 | 0·88 | 4 |
| July | 29·849 | 16 | 29·560 | 14 | 0·289 | 97·6 | 1 | 74·0 | 18 | 71·0 | 18 | 44 | 26 | 146·9 | 25 | 71·9 | 18 | 242 | 9 | 93 | 13 | 1·77 | 1 |
| August | 29·873 | 13 | 29·555 | 26 | 0·318 | 98·9 | 28 | 74·5 | 22 | 72·2 | 26 | 43 | 28 | 152·6 | 17 | 73·1 | 22 | 273 | 28 | 144 | 13 | 1·23 | 19 |
| September | 29·914 | 30 | 29·638 | 5 | 0·276 | 102·3 | 19 | 72·2 | 30 | 69·2 | 5 | 38 | 9 | 160·7 | 23 | 71·7 | 30 | 268 | 6 | 126 | 17 | 0·32 | 30 |
| October | 30·012 | 20 | 29·712 | 30 | 0·300 | 95·6 | 1 | 71·6 | 17 | 70·3 | 26 | 56 | 1 | 148·1 | 1 | 70·5 | 26 | 202 | 30 | 60 | 5 | 4·88 | 2 |
| November | 30·027 | 20 | 29·757 | 1 | 0·270 | 87·2 | 7 | 64·6 | 13 | 63·3 | 13 | 51 | 15 | 149·4 | 12 | 61·4 | 13 | 271 | 29 | 81 | 1 | 4·75 | 19 |
| December | 30·156 | 22 | 29·792 | 3 | 0·364 | 87·5 | 4 | 61·4 | 28 | 60·5 | 28 | 41 | 5 | 140·9 | 16 | 56·5 | 6 | 334 | 12 | 95 | 5 | 3·21 | 12 |

# Madras Meteorological Observations. 1884—January.

| January 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Points | Inches | |
| 1 | 29·967 | 0·098 | 73·8 | 69·7 | 80·5 | 68·6 | 138·6 | 64·8 | 0·672 | 81 | 244 | North | 60 | ... | Passing clouds. |
| 2 | 29·990 | 0·110 | 74·2 | 70·6 | 81·6 | 69·8 | 140·9 | 67·8 | 0·701 | 84 | 189 | N by E | 50 | ... | Do. |
| 3 | 30·017 | 0·114 | 74·5 | 69·4 | 81·1 | 67·6 | 135·8 | 64·0 | 0·651 | 76 | 249 | N N E | 47 | ... | Do. |
| 4 | 30·016 | 0·121 | 72·6 | 70·2 | 76·2 | 70·6 | 94·1 | 69·8 | 0·707 | 88 | 212 | North | 95 | 1·27 | Overcast: rain. |
| 5 | 30·053 | 0·100 | 76·8 | 73·7 | 83·9 | 71·4 | 134·8 | 70·8 | 0·791 | 86 | 221 | NE by N | 55 | ... | Passing clouds. |
| 6 | 30·086 | 0·116 | 76·4 | 72·7 | 83·6 | 72·4 | 137·5 | 70·3 | 0·754 | 84 | 212 | NE by N | 53 | ... | Do. |
| 7 | 30·111 | 0·120 | 74·0 | 69·9 | 81·2 | 68·2 | 133·3 | 65·8 | 0·677 | 81 | 198 | N N E | 57 | ... | Do. |
| 8 | 30·098 | 0·145 | 72·7 | 67·3 | 80·8 | 66·4 | 139·5 | 62·8 | 0·597 | 74 | 173 | NE by N | 45 | ... | Do. |
| 9 | 30·101 | 0·107 | 72·6 | 67·5 | 81·2 | 63·9 | 139·5 | 60·8 | 0·606 | 76 | 140 | N N E | 43 | ... | Fine with passing clouds. |
| 10 | 30·107 | 0·129 | 73·3 | 65·4 | 82·3 | 63·7 | 141·1 | 59·1 | 0·521 | 63 | 196 | NE by N | 55 | ... | Passing clouds. |
| 11 | 30·077 | 0·147 | 74·1 | 65·8 | 82·7 | 67·0 | 141·7 | 60·8 | 0·526 | 62 | 181 | N E | 60 | ... | Do. |
| 12 | 30·076 | 0·129 | 72·8 | 65·4 | 81·3 | 65·2 | 135·8 | 60·4 | 0·528 | 65 | 169 | N N E | 45 | ... | Do. |
| 13 | 30·073 | 0·103 | 71·3 | 66·0 | 82·0 | 63·4 | 142·3 | 58·8 | 0·570 | 75 | 106 | N N E | 50 | ... | Do. |
| 14 | 30·053 | 0·130 | 71·4 | 65·7 | 82·0 | 61·4 | 140·1 | 57·5 | 0·558 | 72 | 116 | N E | 55 | ... | Do. |
| 15 | 30·018 | 0·108 | 72·5 | 67·1 | 83·1 | 63·2 | 141·5 | 59·6 | 0·592 | 74 | 134 | NE by E | 52 | ... | Do. |
| 16 | 29·989 | 0·127 | 74·0 | 69·6 | 83·4 | 66·4 | 147·5 | 61·8 | 0·665 | 79 | 110 | E N E | 70 | ... | Cloudy. |
| 17 | 29·975 | 0·129 | 76·5 | 72·8 | 83·2 | 71·4 | 139·6 | 69·8 | 0·759 | 84 | 92 | E S E | 57 | ... | Passing clouds |
| 18 | 29·990 | 0·099 | 76·7 | 73·5 | 83·4 | 71·4 | 137·9 | 69·0 | 0·784 | 86 | 97 | East | 72 | ... | Cloudy. |
| 19 | 30·043 | 0·113 | 76·2 | 73·0 | 84·1 | 72·5 | 139·6 | 70·8 | 0·770 | 85 | 214 | NE by N | 87 | 0·01 | Do. |
| 20 | 30·064 | 0·124 | 74·6 | 72·1 | 80·6 | 68·4 | 138·4 | 68·0 | 0·756 | 88 | 187 | N N E | 47 | 0·86 | Light thunderstorm before 3 A.M. |
| 21 | 30·040 | 0·144 | 74·4 | 71·1 | 81·3 | 69·6 | 133·4 | 67·2 | 0·719 | 85 | 156 | N N E | 53 | ... | Passing clouds. |
| 22 | 30·033 | 0·130 | 72·6 | 68·3 | 82·5 | 65·0 | 136·2 | 60·8 | 0·636 | 80 | 80 | NE by N | 37 | ... | Fine with passing clouds. |
| 23 | 30·036 | 0·139 | 74·0 | 67·6 | 82·4 | 65·6 | 141·7 | 61·8 | 0·592 | 70 | 114 | N E | 38 | ... | Do. |
| 24 | 30·080 | 0·121 | 72·3 | 67·8 | 83·0 | 65·9 | 139·4 | 61·6 | 0·621 | 78 | 110 | NE by N | 42 | ... | Do. |
| 25 | 30·078 | 0·139 | 72·0 | 67·3 | 82·3 | 64·7 | 138·5 | 60·8 | 0·607 | 78 | 131 | N N E | 38 | ... | Do. |
| 26 | 30·071 | 0·120 | 73·2 | 67·2 | 82·8 | 64·9 | 141·4 | 61·8 | 0·586 | 72 | 111 | NE by N | 42 | ... | Do. |
| 27 | 30·044 | 0·146 | 73·4 | 68·6 | 82·3 | 65·4 | 141·4 | 63·1 | 0·636 | 78 | 125 | N N E | 40 | ... | Do. |
| 28 | 30·035 | 0·118 | 73·1 | 67·9 | 82·9 | 65·4 | 138·7 | 61·7 | 0·614 | 74 | 132 | NE by N | 42 | ... | Do. |
| 29 | 30·015 | 0·136 | 72·8 | 66·0 | 83·4 | 62·6 | 139·8 | 59·0 | 0·550 | 68 | 118 | N E | 33 | ... | Do. |
| 30 | 30·013 | 0·153 | 71·4 | 65·4 | 83·3 | 62·6 | 138·8 | 58·6 | 0·547 | 71 | 116 | N N E | 20 | ... | Fine. |
| 31 | 30·007 | 0·111 | 70·6 | 66·2 | 82·2 | 60·7 | 138·2 | 55·6 | 0·586 | 78 | 73 | NE by E | 22 | ... | Do. |
| Mean | 30·044 | 0·123 | 73·6 | 68·7 | 82·1 | 66·6 | 137·6 | 63·4 | 0·641 | 77 | 152 | NE by N | 50 | 2·14 | |

# Madras Meteorological Observations. 1884—February.

| February 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·000 | 0·126 | 70·5 | 66·1 | 82·6 | 61·8 | 137·2 | 56·5 | 0·583 | 78 | 68 | E by N | 17 | ... | Fine. |
| 2 | 30·003 | 0·131 | 72·6 | 67·9 | 82·4 | 62·4 | 141·0 | 57·7 | 0·621 | 77 | 97 | NE by E | 25 | ... | Fine with passing clouds. |
| 3 | 30·019 | 0·143 | 74·3 | 68·5 | 84·2 | 65·4 | 140·2 | 61·7 | 0·621 | 72 | 129 | E by N | 35 | ... | Do. |
| 4 | 30·013 | 0·115 | 71·7 | 66·8 | 83·6 | 62·6 | 140·8 | 60·1 | 0·594 | 76 | 101 | NE by E | 45 | ... | Do. |
| 5 | 29·985 | 0·147 | 70·5 | 65·5 | 82·5 | 62·2 | 140·1 | 56·7 | 0·563 | 76 | 57 | N E | 35 | ... | Do. |
| 6 | 29·962 | 0·150 | 69·7 | 64·5 | 83·8 | 59·8 | 141·0 | 53·7 | 0·538 | 75 | 75 | East | 25 | ... | Fine. |
| 7 | 29·967 | 0·139 | 69·7 | 65·2 | 84·7 | 59·4 | 140·7 | 53·7 | 0·563 | 77 | 59 | E by S | 15 | ... | Do. |
| 8 | 29·979 | 0·142 | 71·2 | 66·9 | 82·7 | 61·6 | 139·8 | 56·5 | 0·604 | 79 | 73 | SE by E | 0 | ... | Clear. |
| 9 | 29·983 | 0·150 | 73·1 | 69·4 | 82·5 | 64·4 | 139·0 | 59·7 | 0·670 | 83 | 104 | S E | 20 | ... | Fine. |
| 10 | 30·015 | 0·147 | 75·2 | 71·1 | 86·0 | 67·0 | 141·6 | 61·7 | 0·708 | 81 | 111 | SE by S | 12 | ... | Do. |
| 11 | 30·050 | 0·156 | 75·0 | 71·4 | 84·1 | 67·6 | 141·0 | 63·7 | 0·722 | 84 | 101 | S E | 18 | ... | Do. |
| 12 | 29·990 | 0·180 | 75·3 | 69·2 | 84·9 | 67·2 | 141·8 | 62·7 | 0·633 | 72 | 93 | S E | 18 | ... | Do. |
| 13 | 29·949 | 0·170 | 74·5 | 70·3 | 83·2 | 66·3 | 140·0 | 60·7 | 0·686 | 80 | 156 | SE by S | 20 | ... | Do. |
| 14 | 29·938 | 0·140 | 75·2 | 71·3 | 84·0 | 67·6 | 145·4 | 59·7 | 0·715 | 81 | 168 | S S E | 20 | ... | Do. |
| 15 | 29·910 | 0·156 | 76·9 | 73·0 | 86·6 | 69·4 | 142·4 | 65·8 | 0·760 | 83 | 164 | S S E | 12 | ... | Do. |
| 16 | 29·898 | 0·170 | 79·3 | 74·3 | 90·4 | 73·0 | 145·3 | 66·6 | 0·782 | 78 | 177 | S S E | 30 | ... | Fine with passing clouds. |
| 17 | 29·944 | 0·128 | 78·2 | 74·0 | 85·4 | 71·4 | 143·3 | 67·8 | 0·784 | 82 | 133 | S E | 40 | ... | Do. |
| 18 | 30·071 | 0·131 | 76·8 | 72·2 | 85·8 | 70·2 | 144·2 | 65·6 | 0·729 | 79 | 89 | E S E | 43 | ... | Do. |
| 19 | 30·097 | 0·145 | 76·1 | 70·0 | 85·6 | 66·5 | 143·2 | 61·5 | 0·653 | 73 | 119 | E N E | 30 | ... | Do. |
| 20 | 30·057 | 0·172 | 74·6 | 68·3 | 85·4 | 66·5 | 142·0 | 62·6 | 0·609 | 71 | 63 | NE by E | 32 | ... | Do. |
| 21 | 30·007 | 0·117 | 73·7 | 68·9 | 83·7 | 64·5 | 140·2 | 60·0 | 0·644 | 78 | 72 | E by S | 18 | ... | Fine. |
| 22 | 30·042 | 0·122 | 75·7 | 71·0 | 85·6 | 66·4 | 144·7 | 61·5 | 0·697 | 78 | 84 | SE by E | 45 | ... | Fine with passing clouds. |
| 23 | 30·065 | 0·135 | 77·1 | 72·0 | 85·8 | 68·6 | 143·6 | 64·8 | 0·717 | 77 | 96 | E by S | 40 | ... | Do. |
| 24 | 30·040 | 0·158 | 77·2 | 71·4 | 86·0 | 68·0 | 146·0 | 64·2 | 0·693 | 74 | 124 | E by S | 35 | ... | Do. |
| 25 | 30·019 | 0·132 | 76·7 | 71·0 | 85·7 | 67·0 | 145·8 | 63·6 | 0·683 | 75 | 126 | E by S | 32 | ... | Do. |
| 26 | 30·022 | 0·163 | 75·1 | 70·6 | 85·2 | 66·2 | 142·5 | 61·6 | 0·690 | 79 | 74 | E by S | 15 | ... | Fine. |
| 27 | 29·993 | 0·166 | 75·6 | 71·4 | 86·1 | 67·6 | 143·0 | 62·6 | 0·714 | 81 | 84 | E S E | 25 | ... | Do. |
| 28 | 29·932 | 0·169 | 76·5 | 71·7 | 87·3 | 68·2 | 143·2 | 63·2 | 0·714 | 78 | 120 | S S E | 23 | ... | Do. |
| 29 | 29·938 | 0·172 | 77·2 | 72·1 | 88·6 | 68·5 | 143·8 | 63·6 | 0·720 | 77 | 115 | S S E | 25 | ... | Do. |
| Mean | 29·996 | 0·147 | 74·7 | 69·9 | 85·0 | 66·1 | 142·2 | 61·4 | 0·669 | 77 | 105 | E S E | 26 | *Nil.* | |

## Madras Meteorological Observations. 1884—March.

| March 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·922 | 0·111 | 76·2 | 70·7 | 85·9 | 67·9 | 141·7 | 63·2 | 0·679 | 75 | 109 | SE by S | 15 | ... | Fine. |
| 2 | 29·934 | 0·111 | 75·0 | 70·6 | 85·2 | 66·0 | 142·1 | 60·9 | 0·691 | 79 | 108 | SE by S | 15 | ... | Do. |
| 3 | 29·955 | 0·145 | 74·9 | 69·5 | 85·4 | 66·2 | 141·9 | 60·8 | 0·650 | 75 | 96 | SE by S | 20 | ... | Do. |
| 4 | 29·949 | 0·136 | 76·1 | 71·6 | 87·6 | 66·2 | 144·5 | 61·4 | 0·716 | 79 | 104 | S S E | 7 | ... | Do. |
| 5 | 29·905 | 0·176 | 76·7 | 71·9 | 87·2 | 67·5 | 143·8 | 61·6 | 0·719 | 78 | 101 | SE by E | 15 | ... | Do. |
| 6 | 29·897 | 0·148 | 76·8 | 72·6 | 86·6 | 66·7 | 145·3 | 60·6 | 0·746 | 82 | 118 | S E | 20 | ... | Do. |
| 7 | 29·882 | 0·143 | 76·6 | 72·7 | 87·2 | 66·9 | 144·1 | 61·5 | 0·752 | 82 | 134 | SE by S | 18 | ... | Do. |
| 8 | 29·890 | 0·130 | 76·7 | 72·4 | 85·2 | 68·0 | 141·4 | 62·6 | 0·739 | 80 | 112 | SE by S | 10 | ... | Do. |
| 9 | 29·941 | 0·127 | 78·4 | 73·2 | 88·2 | 68·6 | 144·3 | 63·4 | 0·748 | 77 | 111 | SE by S | 10 | ... | Do. |
| 10 | 29·980 | 0·101 | 78·1 | 72·6 | 88·6 | 67·7 | 144·0 | 62·7 | 0·728 | 76 | 85 | E by S | 27 | ... | Fine with passing clouds. |
| 11 | 30·003 | 0·116 | 77·8 | 72·8 | 88·2 | 69·4 | 148·2 | 65·4 | 0·741 | 78 | 109 | E N E | 33 | ... | Do. |
| 12 | 29·983 | 0·137 | 78·5 | 73·7 | 89·9 | 67·8 | 145·1 | 64·4 | 0·769 | 79 | 83 | E N E | 10 | ... | Fine. |
| 13 | 29·963 | 0·135 | 78·2 | 73·1 | 92·4 | 68·6 | 146·7 | 64·0 | 0·747 | 78 | 55 | E by N | 10 | ... | Do. |
| 14 | 29·950 | 0·168 | 77·2 | 72·7 | 89·2 | 68·0 | 145·5 | 63·2 | 0·745 | 80 | 88 | SE by E | 20 | ... | Do. |
| 15 | 29·883 | 0·164 | 77·7 | 72·9 | 88·7 | 68·5 | 143·8 | 63·7 | 0·747 | 79 | 124 | S S E | 5 | ... | Do. |
| 16 | 29·848 | 0·156 | 80·3 | 75·3 | 89·6 | 70·3 | 142·5 | 65·6 | 0·811 | 78 | 178 | S by E | 5 | ... | Do. |
| 17 | 29·833 | 0·145 | 82·7 | 77·0 | 95·6 | 76·0 | 147·5 | 74·3 | 0·852 | 76 | 235 | S by E | 5 | ... | Do. |
| 18 | 29·861 | 0·148 | 81·8 | 77·0 | 93·8 | 76·8 | 146·2 | 75·1 | 0·864 | 80 | 236 | S by E | 17 | ... | Do. |
| 19 | 29·890 | 0·128 | 82·9 | 77·0 | 91·3 | 77·5 | 143·5 | 75·7 | 0·849 | 75 | 221 | S S E | 13 | ... | Do. |
| 20 | 29·853 | 0·162 | 81·8 | 77·6 | 89·6 | 76·2 | 144·1 | 72·6 | 0·891 | 82 | 188 | SE by S | 25 | ... | Do. |
| 21 | 29·864 | 0·138 | 81·0 | 75·7 | 92·4 | 74·9 | 147·5 | 71·5 | 0·818 | 77 | 183 | S S E | 7 | ... | Do. |
| 22 | 29·869 | 0·150 | 79·5 | 75·8 | 88·3 | 72·7 | 140·9 | 68·3 | 0·844 | 84 | 169 | S by E | 15 | ... | Do. |
| 23 | 29·868 | 0·151 | 79·9 | 75·5 | 88·0 | 72·7 | 142·5 | 68·1 | 0·825 | 80 | 190 | S S E | 15 | ... | Do. |
| 24 | 29·839 | 0·140 | 79·6 | 74·5 | 92·6 | 72·3 | 145·3 | 68·6 | 0·787 | 78 | 197 | S by E | 10 | ... | Do. |
| 25 | 29·838 | 0·156 | 80·8 | 73·9 | 92·5 | 72·3 | 146·0 | 68·8 | 0·744 | 71 | 175 | S by E | 5 | ... | Do. |
| 26 | 29·847 | 0·074 | 79·7 | 76·0 | 88·8 | 71·6 | 141·1 | 67·6 | 0·849 | 84 | 187 | S S E | 20 | ... | Do. |
| 27 | 29·901 | 0·115 | 80·6 | 75·7 | 90·9 | 74·0 | 143·9 | 70·6 | 0·823 | 78 | 183 | S S E | 25 | ... | Fine with passing clouds. |
| 28 | 29·899 | 0·128 | 80·5 | 74·8 | 91·3 | 72·2 | 143·4 | 68·9 | 0·786 | 75 | 156 | S S E | 17 | ... | Fine. |
| 29 | 29·875 | 0·126 | 80·0 | 74·4 | 90·5 | 71·0 | 145·3 | 68·2 | 0·777 | 76 | 149 | S S E | 17 | ... | Do. |
| 30 | 29·902 | 0·133 | 79·7 | 75·2 | 87·9 | 72·1 | 139·4 | 67·8 | 0·815 | 80 | 148 | SE by S | 15 | ... | Do. |
| 31 | 29·890 | 0·128 | 79·6 | 74·5 | 88·4 | 70·8 | 141·7 | 66·2 | 0·787 | 78 | 129 | S S E | 20 | ... | Do. |
| Mean | 29·900 | 0·136 | 78·9 | 74·0 | 89·3 | 70·6 | 144·0 | 66·4 | 0·782 | 78 | 144 | SE by S | 15 | *Nil.* | |

# Madras Meteorological Observations. 1884—April.

| April 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·881 | 0·143 | 80·7 | 75·4 | 90·5 | 72·5 | 146·4 | 68·3 | 0·810 | 77 | 119 | S S E | 20 | ... | Fine. |
| 2 | 29·875 | 0·137 | 79·4 | 74·3 | 88·4 | 71·1 | 141·5 | 66·4 | 0·780 | 78 | 137 | SE by S | 18 | ... | Do. |
| 3 | 29·863 | 0·110 | 79·8 | 74·3 | 88·2 | 70·5 | 141·3 | 66·7 | 0·775 | 76 | 168 | S S E | 22 | ... | Do. |
| 4 | 29·913 | 0·124 | 79·7 | 75·3 | 88·8 | 70·9 | 147·6 | 65·9 | 0·819 | 80 | 108 | SE by S | 35 | ... | Fine with passing clouds. |
| 5 | 29·929 | 0·117 | 81·1 | 76·7 | 90·1 | 71·9 | 144·7 | 68·3 | 0·860 | 81 | 111 | S E | 25 | ... | Do. |
| 6 | 29·902 | 0·148 | 82·0 | 77·9 | 90·7 | 73·9 | 144·5 | 70·7 | 0·902 | 83 | 158 | SE by S | 30 | ... | Do. |
| 7 | 29·857 | 0·145 | 83·7 | 78·2 | 90·6 | 77·2 | 142·7 | 75·5 | 0·892 | 77 | 196 | S by E | 60 | ... | Passing clouds. |
| 8 | 29·818 | 0·138 | 84·9 | 77·8 | 97·4 | 79·4 | 145·6 | 74·7 | 0·858 | 72 | 227 | S by E | 15 | ... | Fine. |
| 9 | 29·834 | 0·133 | 84·8 | 78·8 | 94·3 | 79·7 | 143·1 | 78·5 | 0·905 | 76 | 271 | S by E | 12 | ... | Do. |
| 10 | 29·889 | 0·107 | 83·5 | 78·9 | 91·1 | 78·7 | 141·1 | 77·5 | 0·917 | 81 | 236 | S by E | 15 | ... | Do. |
| 11 | 29·926 | 0·099 | 82·6 | 77·3 | 90·4 | 77·1 | 142·3 | 75·0 | 0·867 | 78 | 204 | S by E | 20 | ... | Do. |
| 12 | 29·927 | 0·129 | 82·3 | 77·1 | 90·5 | 75·7 | 141·1 | 72·7 | 0·862 | 78 | 188 | S S E | 20 | ... | Do. |
| 13 | 29·923 | 0·129 | 81·7 | 77·0 | 90·1 | 73·9 | 143·1 | 71·1 | 0·866 | 81 | 152 | S S E | 15 | ... | Do. |
| 14 | 29·877 | 0·145 | 83·4 | 75·9 | 91·7 | 73·9 | 149·4 | 69·7 | 0·795 | 69 | 142 | S S E | 5 | ... | Do. |
| 15 | 29·844 | 0·113 | 83·6 | 76·4 | 99·8 | 73·0 | 150·9 | 70·0 | 0·814 | 70 | 190 | South | 5 | ... | Do. |
| 16 | 29·820 | 0·134 | 85·9 | 77·1 | 98·9 | 76·5 | 149·2 | 70·5 | 0·814 | 65 | 233 | S by E | 5 | ... | Do. |
| 17 | 29·839 | 0·136 | 85·2 | 78·5 | 94·4 | 79·0 | 144·6 | 70·7 | 0·884 | 73 | 260 | S by E | 7 | ... | Do. |
| 18 | 29·870 | 0·136 | 84·4 | 78·5 | 91·6 | 78·7 | 144·9 | 77·3 | 0·896 | 76 | 250 | S S E | 25 | ... | Fine with passing clouds. |
| 19 | 29·856 | 0·165 | 83·7 | 77·8 | 91·4 | 76·9 | 141·7 | 75·7 | 0·874 | 75 | 255 | S S E | 20 | ... | Do. |
| 20 | 29·819 | 0·143 | 85·4 | 79·4 | 98·0 | 79·9 | 149·5 | 78·9 | 0·924 | 76 | 254 | S S E | 40 | ... | Do. |
| 21 | 29·831 | 0·103 | 77·9 | 74·7 | 87·2 | 69·9 | 106·3 | 69·5 | 0·818 | 85 | 159 | South | 78 | 1·66 | Thunderstorm at 6 A.M.: cloudy day. |
| 22 | 29·860 | 0·152 | 83·3 | 77·5 | 90·2 | 77·7 | 140·1 | 69·9 | 0·867 | 76 | 198 | S S E | 35 | ... | Fine with passing clouds. |
| 23 | 29·832 | 0·164 | 82·6 | 77·5 | 89·2 | 75·9 | 141·4 | 73·9 | 0·877 | 78 | 178 | SE by S | 45 | ... | Passing clouds. |
| 24 | 29·839 | 0·141 | 82·4 | 77·2 | 89·4 | 75·4 | 144·7 | 73·6 | 0·865 | 79 | 135 | S S E | 50 | ... | Do. |
| 25 | 29·872 | 0·113 | 82·0 | 76·8 | 91·2 | 74·5 | 139·4 | 73·5 | 0·853 | 79 | 124 | SE by S | 35 | ... | Fine with passing clouds. |
| 26 | 29·921 | 0·110 | 82·9 | 77·1 | 91·4 | 76·3 | 142·2 | 74·9 | 0·854 | 76 | 109 | E S E | 30 | ... | Do. |
| 27 | 29·905 | 0·131 | 81·7 | 76·3 | 91·8 | 74·7 | 143·7 | 72·7 | 0·835 | 77 | 110 | SE by E | 45 | ... | Do. |
| 28 | 29·858 | 0·131 | 82·7 | 76·7 | 93·8 | 74·9 | 147·1 | 72·5 | 0·839 | 75 | 131 | SE by S | 20 | ... | Fine. |
| 29 | 29·812 | 0·123 | 83·3 | 77·3 | 90·9 | 76·5 | 145·1 | 74·0 | 0·857 | 75 | 184 | SE by S | 30 | ... | Fine with passing clouds. |
| 30 | 29·795 | 0·111 | 83·8 | 77·7 | 91·1 | 77·3 | 145·3 | 74·7 | 0·868 | 75 | 191 | S S E | 30 | ... | Do. |
| Mean | 29·866 | 0·130 | 82·7 | 77·0 | 91·8 | 75·5 | 143·0 | 72·4 | 0·855 | 77 | 179 | S S E | 27 | 1·66 | |

## Madras Meteorological Observations. 1884—May.

| May 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·805 | 0·147 | 83·5 | 77·8 | 91·6 | 76·3 | 144·3 | 74·3 | 0·877 | 75 | 191 | S S E | 37 | ... | Fine with passing clouds. |
| 2 | 29·825 | 0·123 | 84·1 | 78·2 | 90·6 | 78·2 | 141·3 | 73·7 | 0·886 | 75 | 214 | S S E | 30 | ... | Do. |
| 3 | 29·822 | 0·131 | 83·3 | 77·4 | 91·0 | 77·9 | 143·2 | 75·3 | 0·861 | 75 | 181 | SE by S | 38 | ... | Do. |
| 4 | 29·809 | 0·157 | 83·7 | 78·1 | 91·2 | 77·5 | 141·9 | 73·7 | 0·887 | 77 | 189 | S S E | 40 | ... | Do. |
| 5 | 29·802 | 0·116 | 83·9 | 77·9 | 90·3 | 77·3 | 144·9 | 75·0 | 0·876 | 75 | 198 | S S E | 42 | ... | Passing clouds. |
| 6 | 29·831 | 0·198 | 84·2 | 78·5 | 91·8 | 80·5 | 147·1 | 78·8 | 0·900 | 77 | 170 | S S E | 63 | ... | Do. |
| 7 | 29·787 | 0·127 | 84·4 | 78·7 | 92·0 | 77·5 | 142·6 | 75·5 | 0·905 | 76 | 174 | S S E | 50 | ... | Do. |
| 8 | 29·740 | 0·199 | 80·5 | 75·1 | 90·6 | 71·5 | 132·9 | 66·3 | 0·799 | 76 | 91 | SW by W | 68 | 0·53 | Th.-storm 4 P.M.: cly. day: fine night. |
| 9 | 29·696 | 0·126 | 84·3 | 78·7 | 95·8 | 75·5 | 143·5 | 74·2 | 0·907 | 77 | 188 | S by E | 35 | ... | Fine with p. clouds: th. & lg. S. W. |
| 10 | 29·766 | 0·133 | 83·8 | 76·7 | 95·9 | 77·7 | 137·7 | 74·5 | 0·824 | 72 | 170 | South | 42 | ... | Fine with passing clouds. |
| 11 | 29·802 | 0·112 | 83·9 | 78·6 | 90·6 | 77·1 | 142·3 | 75·3 | 0·908 | 78 | 158 | SE by S | 35 | ... | Fine with passing clouds: lg. W. |
| 12 | 29·798 | 0·174 | 84·1 | 79·4 | 92·3 | 77·7 | 146·0 | 75·5 | 0·942 | 81 | 146 | SE by S | 60 | ... | Passing clouds. |
| 13 | 29·747 | 0·122 | 85·2 | 79·4 | 97·4 | 77·9 | 143·9 | 75·5 | 0·927 | 75 | 129 | S S E | 45 | ... | Do. |
| 14 | 29·669 | 0·149 | 87·6 | 79·9 | 105·5 | 80·4 | 153·2 | 78·6 | 0·917 | 69 | 151 | S by W | 43 | ... | Passing clouds: th. and lg. |
| 15 | 29·636 | 0·106 | 89·3 | 79·1 | 102·6 | 83·4 | 151·7 | 81·0 | 0·857 | 63 | 178 | S by W | 82 | ... | Hazy. |
| 16 | 29·656 | 0·124 | 90·3 | 78·7 | 101·8 | 85·5 | 149·7 | 82·0 | 0·825 | 58 | 182 | S S W | 45 | ... | Passing clouds. |
| 17 | 29·662 | 0·098 | 89·9 | 80·2 | 107·5 | 83·6 | 152·5 | 82·1 | 0·901 | 63 | 230 | S S W | 35 | ... | Fine with passing clouds: lg. W. |
| 18 | 29·718 | 0·104 | 90·5 | 82·1 | 105·7 | 84·1 | 153·6 | 82·3 | 0·984 | 68 | 242 | S S W | 22 | ... | Do. |
| 19 | 29·758 | 0·126 | 89·4 | 81·1 | 105·1 | 83·1 | 149·9 | 81·8 | 0·951 | 68 | 206 | S by W | 30 | ... | Do. |
| 20 | 29·741 | 0·112 | 90·2 | 82·1 | 105·2 | 80·7 | 150·2 | 78·7 | 0·989 | 70 | 182 | S by E | 20 | ... | Fine. |
| 21 | 29·717 | 0·134 | 90·2 | 81·8 | 105·2 | 82·8 | 147·7 | 80·8 | 0·973 | 68 | 184 | South | 40 | ... | Fine with passing clouds. |
| 22 | 29·734 | 0·098 | 87·7 | 79·3 | 101·5 | 81·9 | 147·2 | 78·7 | 0·888 | 67 | 235 | S by E | 55 | ... | Passing clouds. |
| 23 | 29·739 | 0·158 | 87·6 | 81·5 | 101·6 | 80·4 | 145·7 | 79·0 | 0·995 | 76 | 243 | South | 30 | ... | Fine with passing clouds. |
| 24 | 29·719 | 0·158 | 88·2 | 79·1 | 104·0 | 80·7 | 151·2 | 79·5 | 0·873 | 66 | 260 | S by W | 15 | ... | Fine. |
| 25 | 29·699 | 0·128 | 89·6 | 78·9 | 106·9 | 82·5 | 151·2 | 80·7 | 0·844 | 61 | 289 | S by W | 10 | ... | Fine: lg. W. |
| 26 | 29·729 | 0·117 | 88·0 | 79·4 | 97·9 | 82·5 | 145·7 | 81·2 | 0·889 | 67 | 281 | South | 20 | ... | Fine. |
| 27 | 29·771 | 0·108 | 87·3 | 81·1 | 101·6 | 82·1 | 147·0 | 81·3 | 0·979 | 76 | 294 | South | 10 | ... | Do. |
| 28 | 29·765 | 0·152 | 87·4 | 80·1 | 100·1 | 82·1 | 140·5 | 81·1 | 0·930 | 71 | 277 | South | 2 | ... | Do. |
| 29 | 29·726 | 0·134 | 88·6 | 80·4 | 105·6 | 82·0 | 152·2 | 81·1 | 0·928 | 69 | 245 | S by W | 17 | ... | Do. |
| 30 | 29·726 | 0·129 | 88·3 | 80·8 | 103·6 | 83·3 | 145·8 | 82·2 | 0·951 | 71 | 261 | S by W | 5 | ... | Do. |
| 31 | 29·732 | 0·105 | 88·2 | 79·2 | 101·5 | 81·9 | 147·4 | 80·8 | 0·877 | 66 | 252 | South | 5 | ... | Do. |
| Mean | 29·746 | 0·132 | 86·7 | 79·3 | 98·8 | 80·2 | 146·3 | 78·1 | 0·905 | 71 | 206 | South | 35 | 0·53 | |

# Madras Meteorological Observations. 1884—June.

| June 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·726 | 0·120 | 87·8 | 79·4 | 105·4 | 80·7 | 152·3 | 80·7 | 0·891 | 67 | 283 | S by W | 25 | ... | Fine. |
| 2 | 29·741 | 0·143 | 88·4 | 79·1 | 106·9 | 81·9 | 153·3 | 81·6 | 0·870 | 65 | 185 | S by W | 30 | ... | Fine with passing clouds. |
| 3 | 29·745 | 0·141 | 87·6 | 78·2 | 107·2 | 79·7 | 151·4 | 78·5 | 0·839 | 64 | 197 | S S W | 18 | ... | Fine. |
| 4 | 29·740 | 0·123 | 88·1 | 77·7 | 105·0 | 82·0 | 149·5 | 80·5 | 0·810 | 61 | 241 | South | 25 | ... | Fine with passing clouds. |
| 5 | 29·712 | 0·138 | 88·3 | 79·8 | 104·5 | 82·7 | 147·7 | 81·7 | 0·895 | 68 | 301 | South | 17 | ... | Fine. |
| 6 | 29·736 | 0·161 | 89·1 | 78·9 | 101·6 | 83·5 | 145·4 | 82·7 | 0·850 | 63 | 227 | S S W | 15 | ... | Do. |
| 7 | 29·695 | 0·165 | 88·5 | 79·2 | 103·9 | 81·9 | 148·5 | 79·7 | 0·874 | 64 | 279 | S S W | 10 | ... | Do. |
| 8 | 29·698 | 0·126 | 89·2 | 79·0 | 105·7 | 81·0 | 151·3 | 78·7 | 0·854 | 63 | 215 | S by W | 5 | ... | Do. |
| 9 | 29·674 | 0·110 | 89·9 | 79·0 | 104·4 | 81·3 | 148·5 | 80·2 | 0·844 | 60 | 255 | S S W | 30 | ... | Fine with passing clouds. |
| 10 | 29·683 | 0·114 | 89·9 | 78·4 | 105·8 | 82·1 | 148·8 | 80·1 | 0·818 | 58 | 217 | S S W | 32 | ... | Do. |
| 11 | 29·733 | 0·086 | 87·7 | 78·7 | 101·8 | 81·8 | 149·2 | 80·5 | 0·860 | 66 | 237 | S S W | 30 | ... | Do. |
| 12 | 29·726 | 0·095 | 88·5 | 78·6 | 103·0 | 81·2 | 151·0 | 80·2 | 0·845 | 63 | 171 | S W | 48 | ... | Passing clouds: th. N. W. |
| 13 | 29·702 | 0·128 | 87·4 | 79·5 | 100·2 | 82·3 | 142·5 | 81·1 | 0·900 | 69 | 245 | S S W | 25 | ... | Fine. |
| 14 | 29·687 | 0·107 | 88·3 | 79·8 | 104·1 | 83·1 | 149·7 | 82·0 | 0·902 | 68 | 235 | SW by S | 35 | ... | Passing clouds. |
| 15 | 29·739 | 0·069 | 87·6 | 78·7 | 98·7 | 82·9 | 145·8 | 82·7 | 0·861 | 66 | 252 | S S W | 52 | ... | Do. |
| 16 | 29·763 | 0·105 | 86·0 | 77·1 | 99·6 | 83·0 | 133·6 | 82·1 | 0·811 | 65 | 232 | S S W | 90 | 0·05 | Overcast: lg. W. |
| 17 | 29·759 | 0·112 | 83·6 | 77·8 | 96·9 | 78·3 | 139·8 | 77·0 | 0·876 | 76 | 200 | S W | 87 | 0·31 | Overcast: thunderstorm. |
| 18 | 29·727 | 0·110 | 84·3 | 78·2 | 93·9 | 74·8 | 144·6 | 71·6 | 0·883 | 75 | 172 | SWbyW | 100 | ... | Overcast: lg. W. |
| 19 | 29·733 | 0·128 | 83·7 | 77·4 | 91·3 | 79·2 | 115·9 | 77·8 | 0·856 | 74 | 167 | W S W | 100 | 0·59 | Overcast: lg. W.: rain. |
| 20 | 29·733 | 0·142 | 85·2 | 78·5 | 96·1 | 76·9 | 138·0 | 75·2 | 0·886 | 73 | 207 | S S W | 67 | ... | Cloudy. |
| 21 | 29·753 | 0·147 | 85·2 | 77·9 | 97·8 | 78·2 | 138·8 | 75·7 | 0·858 | 73 | 217 | S W | 53 | ... | Passing clouds. |
| 22 | 29·768 | 0·143 | 83·4 | 76·7 | 96·7 | 77·8 | 132·2 | 75·4 | 0·829 | 72 | 179 | South | 52 | ... | Do. |
| 23 | 29·757 | 0·166 | 86·4 | 79·0 | 100·1 | 79·6 | 153·7 | 77·4 | 0·892 | 70 | 189 | S by W | 53 | 0·01 | Do. |
| 24 | 29·762 | 0·126 | 87·0 | 78·9 | 99·0 | 81·8 | 149·5 | 79·8 | 0·879 | 69 | 261 | SW by S | 42 | ... | Fine with passing clouds. |
| 25 | 29·785 | 0·160 | 86·2 | 78·0 | 101·6 | 82·0 | 149·6 | 81·1 | 0·849 | 68 | 202 | S S W | 92 | ... | Cloudy: lg. S. W. |
| 26 | 29·775 | 0·077 | 85·9 | 76·6 | 98·2 | 81·9 | 143·0 | 80·8 | 0·791 | 64 | 218 | S by W | 80 | ... | Cloudy. |
| 27 | 29·734 | 0·117 | 89·2 | 76·0 | 102·9 | 80·1 | 145·9 | 79·1 | 0·720 | 52 | 228 | S S W | 55 | ... | Passing clouds. |
| 28 | 29·712 | 0·135 | 89·4 | 76·5 | 102·5 | 81·9 | 144·1 | 80·8 | 0·739 | 53 | 262 | SW by S | 40 | ... | Fine with passing clouds. |
| 29 | 29·713 | 0·139 | 89·7 | 74·1 | 101·4 | 81·0 | 146·0 | 80·2 | 0·635 | 45 | 246 | W S W | 55 | ... | Passing clouds. |
| 30 | 29·743 | 0·095 | 86·3 | 75·9 | 99·8 | 82·4 | 148·8 | 80·2 | 0·755 | 60 | 227 | S S W | 65 | ... | Do. |
| Mean | 29·732 | 0·124 | 87·3 | 78·1 | 101·2 | 80·9 | 145·3 | 79·5 | 0·839 | 65 | 225 | S S W | 48 | 0·96 | |

# Madras Meteorological Observations. 1884—July.

| July 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·698 | 0·140 | 87·7 | 76·0 | 99·0 | 78·5 | 136·0 | 77·3 | 0·741 | 57 | 178 | W by S | 97 | ... | Cloudy. |
| 2 | 29·710 | 0·123 | 86·1 | 75·5 | 100·4 | 82·8 | 146·4 | 79·8 | 0·742 | 60 | 245 | SW by S | 70 | 0·06 | Do. |
| 3 | 29·747 | 0·131 | 85·3 | 77·6 | 98·3 | 78·7 | 143·1 | 74·8 | 0·844 | 69 | 178 | S by W | 75 | ... | Do. |
| 4 | 29·786 | 0·133 | 88·1 | 78·3 | 98·8 | 82·1 | 144·4 | 80·7 | 0·838 | 63 | 219 | South | 37 | ... | Fine with passing clouds. |
| 5 | 29·765 | 0·155 | 83·7 | 76·9 | 96·9 | 77·2 | 142·0 | 74·4 | 0·834 | 72 | 207 | S by W | 43 | 1·20 | P. cls.: thunderstorm about 7 P.M. |
| 6 | 29·764 | 0·114 | 81·9 | 76·9 | 90·0 | 75·4 | 133·6 | 74·3 | 0·860 | 79 | 176 | S W | 92 | 0·04 | Cloudy. |
| 7 | 29·727 | 0·109 | 84·9 | 78·7 | 97·9 | 78·8 | 140·9 | 76·8 | 0·898 | 75 | 195 | SW by S | 45 | 0·87 | P. cls.: thunderstorm after 11 P.M. |
| 8 | 29·717 | 0·149 | 83·3 | 76·5 | 94·9 | 76·3 | 142·2 | 74·4 | 0·822 | 72 | 201 | SW by S | 55 | 0·05 | Passing clouds. |
| 9 | 29·698 | 0·108 | 84·5 | 76·3 | 92·1 | 80·4 | 128·7 | 79·4 | 0·797 | 67 | 174 | W S W | 100 | 0·02 | Overcast. |
| 10 | 29·620 | 0·125 | 83·8 | 77·7 | 96·0 | 79·5 | 138·6 | 78·6 | 0·869 | 75 | 192 | W by S | 95 | 0·02 | Cloudy. |
| 11 | 29·606 | 0·112 | 87·8 | 75·1 | 97·9 | 81·9 | 147·7 | 78·8 | 0·701 | 53 | 227 | W S W | 87 | 0·01 | Do. |
| 12 | 29·640 | 0·128 | 87·2 | 77·3 | 99·8 | 80·4 | 149·2 | 78·4 | 0·804 | 62 | 225 | SWbyW | 70 | 0·15 | Cloudy: rain. |
| 13 | 29·663 | 0·197 | 84·2 | 77·0 | 98·4 | 76·3 | 148·6 | 75·8 | 0·832 | 71 | 189 | SWby S | 38 | ... | Fine with passing clouds. |
| 14 | 29·735 | 0·167 | 85·6 | 75·5 | 98·2 | 80·4 | 142·1 | 79·0 | 0·749 | 61 | 232 | SWby S | 22 | ... | Do. |
| 15 | 29·702 | 0·176 | 86·8 | 77·2 | 101·1 | 80·5 | 142·8 | 78·8 | 0·806 | 63 | 192 | S S W | 40 | ... | Do. |
| 16 | 29·699 | 0·077 | 84·4 | 74·4 | 88·1 | 82·2 | 99·8 | 81·6 | 0·718 | 60 | 159 | W by S | 95 | ... | Cloudy. |
| 17 | 29·711 | 0·118 | 86·6 | 76·0 | 99·9 | 77·2 | 146·3 | 75·7 | 0·756 | 60 | 197 | SW by S | 70 | ... | Passing clouds. |
| 18 | 29·746 | 0·129 | 84·6 | 76·9 | 100·1 | 78·4 | 151·6 | 75·7 | 0·822 | 69 | 180 | South | 55 | ... | Do. |
| 19 | 29·788 | 0·119 | 85·3 | 75·2 | 95·4 | 81·1 | 127·1 | 77·2 | 0·740 | 61 | 179 | S W | 65 | ... | Do. |
| 20 | 29·756 | 0·104 | 85·5 | 75·7 | 96·0 | 81·7 | 132·5 | 78·8 | 0·757 | 62 | 187 | S by W | 87 | 0·05 | Cloudy. |
| 21 | 29·744 | 0·136 | 85·1 | 76·6 | 100·4 | 79·3 | 147·7 | 77·3 | 0·802 | 66 | 185 | South | 65 | ... | Do. |
| 22 | 29·742 | 0·113 | 85·5 | 76·0 | 100·0 | 81·0 | 147·4 | 77·7 | 0·771 | 63 | 204 | S by W | 60 | ... | Passing clouds. |
| 23 | 29·724 | 0·128 | 85·5 | 76·1 | 94·8 | 80·5 | 138·1 | 79·7 | 0·775 | 63 | 167 | S S W | 75 | ... | Cloudy. |
| 24 | 29·695 | 0·120 | 83·8 | 76·8 | 94·8 | 78·4 | 124·8 | 75·7 | 0·828 | 72 | 182 | S W | 90 | 0·21 | Cloudy: rain. |
| 25 | 29·737 | 0·113 | 82·7 | 77·1 | 93·3 | 77·1 | 133·5 | 74·8 | 0·857 | 77 | 134 | SW by S | 85 | 0·16 | Do. : do. |
| 26 | 29·765 | 0·123 | 82·9 | 76·7 | 93·3 | 75·0 | 134·4 | 74·8 | 0·836 | 74 | 162 | S S W | 65 | ... | Passing clouds. |
| 27 | 29·776 | 0·142 | 82·7 | 75·6 | 100·0 | 79·6 | 145·6 | 77·9 | 0·791 | 71 | 200 | S W | 63 | 0·48 | Passing clouds: th. & lg. N. W.: rain. |
| 28 | 29·736 | 0·182 | 81·0 | 74·4 | 95·9 | 75·5 | 140·1 | 74·7 | 0·764 | 72 | 186 | S W | 70 | 0·12 | Cloudy: rain. |
| 29 | 29·722 | 0·120 | 81·1 | 76·1 | 92·1 | 76·4 | 140·4 | 75·2 | 0·834 | 78 | 155 | S S W | 92 | 0·07 | Cloudy. |
| 30 | 29·739 | 0·121 | 85·7 | 77·0 | 95·6 | 77·2 | 132·9 | 75·3 | 0·811 | 65 | 157 | SW by S | 77 | ... | Do. |
| 31 | 29·730 | 0·156 | 85·2 | 74·8 | 94·7 | 81·4 | 141·3 | 78·7 | 0·723 | 59 | 216 | SWbyW | 97 | 0·04 | Do. |
| Mean | 29·722 | 0·131 | 84·8 | 76·4 | 96·6 | 79·1 | 139·0 | 77·2 | 0·797 | 67 | 190 | SW by S | 70 | 3·55 | |

# Madras Meteorological Observations. 1884—August.

| August 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·698 | 0·158 | 85·1 | 76·4 | 98·7 | 78·0 | 152·0 | 73·9 | 0·793 | 65 | 217 | W S W | 75 | 0·31 | Cloudy. |
| 2 | 29·729 | 0·116 | 81·4 | 76·0 | 96·2 | 76·1 | 140·3 | 74·7 | 0·826 | 77 | 211 | SW by W | 77 | 0·11 | Do. |
| 3 | 29·751 | 0·148 | 82·7 | 75·6 | 94·6 | 76·5 | 142·3 | 75·9 | 0·791 | 71 | 208 | S W | 65 | ... | Do. |
| 4 | 29·727 | 0·119 | 84·5 | 76·2 | 96·9 | 79·7 | 146·2 | 78·5 | 0·793 | 67 | 187 | S W | 73 | ... | Do. |
| 5 | 29·689 | 0·164 | 86·1 | 75·9 | 100·1 | 79·9 | 145·0 | 76·7 | 0·758 | 61 | 209 | S W | 72 | ... | Do. |
| 6 | 29·687 | 0·130 | 84·8 | 76·3 | 96·5 | 79·3 | 144·7 | 78·7 | 0·793 | 66 | 209 | South | 50 | ... | Passing clouds. |
| 7 | 29·717 | 0·119 | 85·2 | 77·3 | 97·0 | 77·4 | 143·3 | 76·0 | 0·831 | 68 | 199 | South | 50 | ... | Do. |
| 8 | 29·697 | 0·110 | 84·4 | 76·6 | 93·9 | 77·6 | 149·8 | 76·2 | 0·812 | 69 | 193 | SW by S | 45 | ... | Do. |
| 9 | 29·701 | 0·095 | 82·6 | 75·8 | 97·3 | 77·0 | 152·4 | 75·7 | 0·801 | 72 | 223 | SW by S | 67 | ... | Do. |
| 10 | 29·730 | 0·147 | 84·0 | 76·1 | 94·6 | 76·9 | 151·5 | 75·7 | 0·795 | 68 | 178 | S S W | 62 | ... | Do. |
| 11 | 29·788 | 0·097 | 82·9 | 75·7 | 96·1 | 73·9 | 143·0 | 71·9 | 0·792 | 69 | 226 | S W | 50 | ... | Fine with passing clouds: lg. S. W. |
| 12 | 29·783 | 0·117 | 83·6 | 76·7 | 97·1 | 76·5 | 151·6 | 74·2 | 0·826 | 72 | 202 | S S W | 40 | ... | Fine with passing clouds. |
| 13 | 29·758 | 0·139 | 84·0 | 76·9 | 98·8 | 77·9 | 150·4 | 76·7 | 0·830 | 72 | 220 | S S W | 20 | 0·43 | Fine till 11 P.M.: lg. N. W.: rain. |
| 14 | 29·743 | 0·119 | 82·1 | 76·6 | 92·2 | 73·1 | 140·3 | 72·7 | 0·843 | 77 | 224 | SW by S | 80 | 0·29 | Cloudy: th. lg. and rain. |
| 15 | 29·748 | 0·116 | 84·3 | 75·4 | 93·8 | 77·9 | 140·5 | 74·7 | 0·761 | 64 | 187 | S W | 80 | 0·03 | Cloudy. |
| 16 | 29·750 | 0·128 | 84·0 | 75·5 | 97·8 | 74·7 | 142·7 | 73·7 | 0·770 | 66 | 208 | SW by S | 47 | ... | Fine with passing clouds. |
| 17 | 29·743 | 0·131 | 85·5 | 75·2 | 97·3 | 78·5 | 143·1 | 77·9 | 0·737 | 60 | 223 | SW by S | 43 | ... | Do. |
| 18 | 29·737 | 0·144 | 84·9 | 76·4 | 97·7 | 78·2 | 150·1 | 76·7 | 0·796 | 66 | 182 | S S W | 50 | ... | Passing clouds. |
| 19 | 29·741 | 0·135 | 85·9 | 75·1 | 95·9 | 79·2 | 142·3 | 77·7 | 0·727 | 58 | 214 | S by W | 55 | ... | Do. |
| 20 | 29·757 | 0·175 | 85·1 | 76·1 | 95·9 | 75·7 | 147·1 | 74·2 | 0·780 | 64 | 166 | S W | 50 | 0·14 | Passing clouds: rain. |
| 21 | 29·750 | 0·116 | 85·2 | 77·2 | 100·6 | 77·0 | 151·0 | 75·4 | 0·827 | 68 | 204 | S S W | 42 | ... | Passing clouds: lg. N. & W. |
| 22 | 29·766 | 0·116 | 84·2 | 75·9 | 97·5 | 77·3 | 152·0 | 74·7 | 0·784 | 67 | 169 | W by S | 70 | 0·04 | Cloudy. |
| 23 | 29·780 | 0·150 | 84·8 | 75·7 | 97·3 | 77·1 | 151·5 | 75·0 | 0·767 | 64 | 177 | S by E | 52 | 0·09 | Passing clouds. |
| 24 | 29·756 | 0·140 | 84·4 | 75·5 | 96·2 | 77·9 | 146·9 | 76·2 | 0·764 | 64 | 186 | S W | 65 | 0·04 | Do. |
| 25 | 29·716 | 0·120 | 83·3 | 76·1 | 92·2 | 77·6 | 132·3 | 73·7 | 0·805 | 70 | 128 | SW by S | 85 | 0·06 | Cloudy. |
| 26 | 29·665 | 0·113 | 85·3 | 74·9 | 96·1 | 77·6 | 142·6 | 76·0 | 0·726 | 59 | 185 | SW by S | 95 | ... | Do. |
| 27 | 29·671 | 0·150 | 85·9 | 74·7 | 95·9 | 78·9 | 141·4 | 78·2 | 0·710 | 58 | 276 | SW by W | 80 | ... | Do. |
| 28 | 29·721 | 0·118 | 87·5 | 75·7 | 98·6 | 79·6 | 153·7 | 78·7 | 0·731 | 56 | 284 | S W | 60 | ... | Passing clouds. |
| 29 | 29·792 | 0·149 | 85·4 | 76·0 | 98·3 | 78·1 | 152·6 | 76·3 | 0·772 | 63 | 247 | SW by S | 63 | ... | Do. |
| 30 | 29·835 | 0·132 | 87·1 | 77·0 | 97·7 | 80·6 | 145·3 | 77·9 | 0·793 | 62 | 178 | S by W | 65 | ... | Cloudy |
| 31 | 29·833 | 0·158 | 81·5 | 77·0 | 91·7 | 76·1 | 146·7 | 79·3 | 0·868 | 81 | 128 | SW by S | 77 | 0·05 | Do. |
| Mean | 29·741 | 0·131 | 84·4 | 76·0 | 96·5 | 77·5 | 143·1 | 75·9 | 0·784 | 67 | 202 | SW by S | 61 | 1·59 | |

# Madras Meteorological Observations. 1884—September.

| September 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·822 | 0·135 | 81·1 | 76·5 | 94·1 | 76·0 | 143·8 | 75·7 | 0·852 | 81 | 139 | SW by S | 87 | 0·11 | Cloudy: rain. |
| 2 | 29·811 | 0·152 | 87·0 | 77·2 | 99·2 | 78·1 | 153·6 | 76·9 | 0·803 | 62 | 190 | SW by S | 60 | ... | Passing clouds. |
| 3 | 29·782 | 0·144 | 88·4 | 75·1 | 99·5 | 80·3 | 151·5 | 77·2 | 0·693 | 51 | 206 | SW by W | 55 | ... | Do. |
| 4 | 29·767 | 0·141 | 87·2 | 75·1 | 98·3 | 82·1 | 146·2 | 79·5 | 0·709 | 55 | 241 | W S W | 75 | 0·07 | Cloudy. |
| 5 | 29·764 | 0·130 | 80·9 | 75·4 | 100·1 | 76·3 | 151·5 | 74·3 | 0·807 | 76 | 227 | SW by S | 67 | 0·62 | Cloudy: rain. |
| 6 | 29·781 | 0·145 | 82·9 | 76·4 | 90·3 | 74·2 | 132·4 | 72·8 | 0·823 | 73 | 191 | SW by S | 75 | ... | Cloudy. |
| 7 | 29·767 | 0·134 | 82·3 | 76·8 | 93·4 | 75·9 | 142·8 | 73·9 | 0·849 | 77 | 237 | S S W | 52 | ... | Passing clouds. |
| 8 | 29·781 | 0·129 | 83·3 | 76·6 | 96·4 | 76·4 | 147·7 | 74·7 | 0·826 | 72 | 211 | SW by S | 60 | ... | Do. |
| 9 | 29·778 | 0·116 | 83·5 | 76·3 | 93·6 | 76·6 | 144·1 | 74·3 | 0·811 | 70 | 149 | S S E | 60 | ... | Do. |
| 10 | 29·796 | 0·118 | 84·1 | 75·9 | 95·6 | 75·7 | 150·4 | 74·5 | 0·785 | 68 | 168 | S by E | 30 | ... | Fine with passing clouds. |
| 11 | 29·824 | 0·149 | 84·7 | 76·8 | 96·4 | 77·9 | 154·4 | 73·9 | 0·816 | 68 | 167 | SE by S | 40 | ... | Do. |
| 12 | 29·836 | 0·130 | 85·6 | 77·3 | 98·7 | 79·7 | 152·0 | 77·5 | 0·826 | 67 | 167 | South | 47 | 0 59 | Cloudy: rain. |
| 13 | 29·848 | 0·156 | 80·4 | 76·5 | 85·4 | 76·2 | 117·0 | 75·6 | 0·861 | 83 | 149 | South | 75 | ... | Cloudy. |
| 14 | 29·820 | 0·160 | 83·4 | 77·8 | 90·6 | 78·9 | 121·9 | 77·3 | 0·879 | 77 | 162 | South | 95 | ... | Do. |
| 15 | 29·817 | 0·164 | 79·0 | 75·1 | 90·2 | 69·3 | 129·8 | 68·7 | 0·820 | 82 | 108 | S W | 90 | 1·01 | Thunderstorm at 3 A.M.: Cloudy. |
| 16 | 29·839 | 0·168 | 81·8 | 76·5 | 90·6 | 74·2 | 141·0 | 73·4 | 0·842 | 78 | 184 | W S W | 80 | 2·18 | Overcast: rain. |
| 17 | 29·822 | 0·148 | 80·9 | 76·3 | 86·5 | 73·5 | 119·1 | 72·7 | 0·846 | 80 | 118 | W S W | 95 | 0·07 | Cloudy. |
| 18 | 29·762 | 0·183 | 80·1 | 76·6 | 89·5 | 73·2 | 127·8 | 72·7 | 0·870 | 85 | 118 | W S W | 97 | 0·25 | Cloudy: rain. |
| 19 | 29·704 | 0·162 | 81·4 | 75·7 | 90·3 | 76·1 | 130·4 | 74·6 | 0·813 | 76 | 163 | W N W | 89 | 0·11 | Do. : do. |
| 20 | 29·683 | 0·120 | 81·5 | 74·5 | 90·1 | 75·7 | 140·8 | 75·0 | 0·761 | 71 | 148 | W by N | 90 | ... | Cloudy. |
| 21 | 29·676 | 0·160 | 82·4 | 76·8 | 97·1 | 76·2 | 149·8 | 73·8 | 0·848 | 77 | 227 | SW by W | 65 | 0·09 | Do. |
| 22 | 29·738 | 0·166 | 82·8 | 76·5 | 95·2 | 77·7 | 148·4 | 75·8 | 0·829 | 74 | 242 | SW by S | 65 | ... | Do. |
| 23 | 29·813 | 0·147 | 82·1 | 75·8 | 95·0 | 77·3 | 149·2 | 75·6 | 0·808 | 74 | 182 | S S W | 72 | ... | Do. |
| 24 | 29·832 | 0·142 | 83·7 | 76·8 | 94·5 | 77·2 | 146·9 | 75·6 | 0·829 | 72 | 204 | S by W | 32 | ... | Fine with passing clouds. |
| 25 | 29·816 | 0·171 | 84·2 | 76·7 | 92·4 | 78·0 | 147·0 | 77·0 | 0·819 | 70 | 230 | South | 43 | ... | Do. |
| 26 | 29·812 | 0·150 | 83·9 | 77·4 | 94·3 | 79·4 | 143·0 | 78·8 | 0·853 | 73 | 214 | S by W | 45 | 0·01 | Do. |
| 27 | 29·796 | 0·164 | 84·2 | 78·4 | 96·3 | 77·8 | 149·6 | 75·8 | 0·895 | 75 | 164 | S W | 62 | 0·17 | Cloudy: rain. |
| 28 | 29·803 | 0·147 | 79·7 | 76·0 | 89·7 | 73·7 | 138·0 | 73·0 | 0·849 | 84 | 157 | S W | 95 | 0·19 | Do. : do. |
| 29 | 29·822 | 0·153 | 80·0 | 75·8 | 87·6 | 73·2 | 120·8 | 72·6 | 0·836 | 81 | 176 | W S W | 90 | 0·09 | Cloudy. |
| 30 | 29·817 | 0·140 | 80·4 | 76·4 | 89·2 | 74·2 | 131·2 | 72·1 | 0·857 | 82 | 131 | South | 92 | ... | Do. |
| Mean | 29·791 | 0·147 | 82·8 | 76·4 | 93·3 | 76·4 | 140·7 | 74·8 | 0·824 | 74 | 179 | SW by S | 69 | 5·56 | |

# Madras Meteorological Observations. 1884—October.

| October 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers: Dry | | Sun | Grass | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·808 | 0·154 | 83·0 | 74·8 | 92·8 | 76·6 | 137·2 | 75·2 | 0·753 | 66 | 181 | S W | 70 | ... | Cloudy. |
| 2 | 29·784 | 0·128 | 82·6 | 75·2 | 90·6 | 76·3 | 147·3 | 75·1 | 0·775 | 70 | 173 | W S W | 70 | ... | Do. |
| 3 | 29·818 | 0·126 | 84·0 | 74·9 | 95·1 | 77·4 | 148·5 | 75·5 | 0·744 | 63 | 140 | South | 35 | ... | Fine with passing clouds. |
| 4 | 29·898 | 0·117 | 80·9 | 77·7 | 93·0 | 78·0 | 154·2 | 75·8 | 0·908 | 86 | 125 | South | 47 | 0·19 | Fine with passing clouds : rain. |
| 5 | 29·896 | 0·141 | 81·9 | 77·0 | 88·8 | 77·3 | 146·0 | 76·6 | 0·863 | 79 | 111 | S S W | 30 | ... | Fine with passing clouds : th. N. |
| 6 | 29·894 | 0·143 | 80·0 | 76·0 | 87·5 | 75·6 | 143·1 | 74·2 | 0·845 | 82 | 100 | S S W | 62 | ... | Passing clouds : th. & lg. N. & N. W. |
| 7 | 29·897 | 0·131 | 81·1 | 76·1 | 88·7 | 76·3 | 144·5 | 74·2 | 0·834 | 78 | 115 | E S E | 35 | 0·01 | Fine with passing clouds. |
| 8 | 29·928 | 0·120 | 82·0 | 75·9 | 90·0 | 73·8 | 145·9 | 71·7 | 0·814 | 75 | 122 | E by N | 35 | ... | Do. |
| 9 | 29·950 | 0·114 | 80·9 | 74·7 | 90·2 | 72·1 | 146·0 | 68·8 | 0·777 | 73 | 116 | N E | 15 | ... | Fine. |
| 10 | 29·940 | 0·106 | 83·7 | 75·3 | 91·9 | 78·9 | 146·6 | 71·8 | 0·766 | 65 | 149 | N E | 20 | ... | Do. |
| 11 | 29·903 | 0·097 | 81·6 | 75·0 | 90·8 | 73·3 | 148·1 | 70·8 | 0·781 | 74 | 137 | NE by N | 32 | 0·09 | Fine with passing clouds. |
| 12 | 29·891 | 0·101 | 82·5 | 76·2 | 91·0 | 75·7 | 149·8 | 74·2 | 0·820 | 73 | 196 | NE by N | 42 | ... | Do. |
| 13 | 29·917 | 0·128 | 83·1 | 76·0 | 91·9 | 75·2 | 148·3 | 71·8 | 0·803 | 70 | 192 | NE by N | 48 | ... | Do. |
| 14 | 29·900 | 0·139 | 82·2 | 75·5 | 91·9 | 75·0 | 147·0 | 73·5 | 0·794 | 73 | 175 | NE by N | 75 | 0·18 | Cloudy : rain. |
| 15 | 29·872 | 0·143 | 78·5 | 75·2 | 83·1 | 74·1 | 113·2 | 73·1 | 0·831 | 85 | 175 | N by E | 95 | 0·68 | Overcast : rain. |
| 16 | 29·836 | 0·145 | 77·3 | 75·3 | 84·4 | 73·2 | 131·6 | 72·5 | 0·852 | 91 | 219 | N E | 100 | 3·76 | Heavy th.-storm at 6 A.M. : Overcast. |
| 17 | 29·854 | 0·102 | 79·6 | 76·5 | 85·0 | 76·3 | 135·9 | 74·5 | 0·873 | 87 | 228 | East | 85 | 0·33 | Cloudy : rain. |
| 18 | 29·876 | 0·099 | 79·5 | 76·7 | 87·0 | 78·6 | 142·0 | 75·9 | 0·883 | 88 | 203 | E S E | 75 | 1·36 | Do. : do. |
| 19 | 29·928 | 0·127 | 76·5 | 74·9 | 82·1 | 73·9 | 124·5 | 72·3 | 0·845 | 93 | 113 | N N W | 100 | 1·80 | Overcast : rain. |
| 20 | 29·895 | 0·118 | 77·4 | 75·4 | 80·9 | 75·5 | 112·4 | 74·0 | 0·854 | 91 | 125 | N by E | 90 | 2·29 | Cloudy : rain. |
| 21 | 29·880 | 0·154 | 78·2 | 75·4 | 86·1 | 74·3 | 137·3 | 73·3 | 0·846 | 88 | 131 | North | 80 | 0·16 | Do. : do. |
| 22 | 29·867 | 0·124 | 80·9 | 76·5 | 87·9 | 74·8 | 141·7 | 73·1 | 0·854 | 81 | 120 | N by E | 50 | ... | Passing clouds : lg. N. |
| 23 | 29·888 | 0·099 | 76·8 | 75·2 | 77·6 | 76·1 | 85·3 | 75·2 | 0·854 | 93 | 107 | W by S | 100 | 0·38 | Overcast : rain. |
| 24 | 29·855 | 0·120 | 79·7 | 76·2 | 87·6 | 74·9 | 131·7 | 73·3 | 0·858 | 85 | 94 | W by S | 92 | 1·61 | Cloudy : thunderstorm after 11 P.M. |
| 25 | 29·847 | 0·147 | 81·0 | 75·9 | 88·0 | 77·9 | 141·9 | 71·3 | 0·827 | 78 | 93 | SW by W | 88 | 0·15 | Cloudy : rain ; th. and lg. S. |
| 26 | 29·885 | 0·096 | 76·3 | 73·8 | 83·2 | 70·5 | 125·7 | 69·7 | 0·802 | 88 | 83 | West | 87 | 1·25 | Thunderstorm 5 to 6 A.M. : p. cls. |
| 27 | 29·912 | 0·116 | 79·9 | 74·9 | 87·4 | 74·4 | 141·7 | 72·5 | 0·799 | 78 | 110 | N by E | 27 | ... | Fine with passing clouds. |
| 28 | 29·932 | 0·130 | 78·6 | 74·1 | 86·8 | 72·4 | 140·4 | 70·3 | 0·783 | 80 | 108 | N N E | 43 | ... | Do. |
| 29 | 29·917 | 0·138 | 79·8 | 75·5 | 86·5 | 74·6 | 140·3 | 72·3 | 0·827 | 81 | 214 | N by E | 72 | 0·31 | Cloudy : rain. |
| 30 | 29·917 | 0·117 | 76·1 | 73·4 | 81·4 | 74·1 | 119·7 | 71·5 | 0·788 | 87 | 137 | N by E | 95 | 0·48 | Do. : do. |
| 31 | 29·895 | 0·145 | 78·6 | 73·7 | 83·8 | 74·0 | 134·7 | 71·7 | 0·767 | 78 | 169 | N by E | 62 | ... | Cloudy. |
| Mean | 29·886 | 0·125 | 80·1 | 75·4 | 87·5 | 75·2 | 137·2 | 73·1 | 0·820 | 80 | 144 | North | 63 | 15·03 | |

## Madras Meteorological Observations. 1884—November.

| November 1884 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·876 | 0·111 | 79·6 | 74·0 | 87·3 | 73·2 | 141·7 | 70·9 | 0·765 | 76 | 154 | N N E | 55 | ... | Passing clouds. |
| 2 | 29·874 | 0·123 | 78·3 | 74·0 | 86·0 | 73·5 | 141·9 | 71·6 | 0·783 | 81 | 148 | N N E | 60 | ... | Do. |
| 3 | 29·868 | 0·118 | 76·0 | 74·3 | 81·4 | 74·1 | 101·7 | 71·9 | 0·827 | 91 | 133 | N by E | 100 | 2·31 | Overcast with rain. |
| 4 | 29·838 | 0·100 | 75·3 | 73·7 | 83·1 | 73·0 | 119·7 | 72·2 | 0·811 | 93 | 157 | N by E | 100 | 3·13 | Overcast. |
| 5 | 29·883 | 0·100 | 74·9 | 73·1 | 76·4 | 72·1 | 101·7 | 71·4 | 0·792 | 92 | 201 | N N E | 100 | 2·30 | Do. |
| 6 | 29·892 | 0·145 | 74·6 | 73·4 | 76·9 | 73·1 | 94·5 | 71·6 | 0·808 | 95 | 216 | N N E | 100 | 4·62 | Do. |
| 7 | 29·886 | 0·135 | 74·9 | 73·3 | 78·8 | 72·9 | 143·0 | 71·6 | 0·800 | 93 | 169 | N by W | 97 | 5·72 | Do. |
| 8 | 29·905 | 0·057 | 74·6 | 73·1 | 78·9 | 72·2 | 110·3 | 71·4 | 0·796 | 93 | 134 | NE by N | 97 | 3·16 | Do. |
| 9 | 29·902 | 0·092 | 74·4 | 73·4 | 76·9 | 72·8 | 80·5 | 72·6 | 0·811 | 95 | 125 | E N E | 100 | 3·72 | Do. |
| 10 | 29·936 | 0·112 | 76·6 | 74·9 | 81·4 | 73·8 | 112·4 | 72·6 | 0·814 | 93 | 143 | E N E | 90 | 0·11 | Cloudy: rain. |
| 11 | 29·914 | 0·143 | 76·9 | 74·8 | 83·6 | 73·9 | 147·7 | 72·9 | 0·835 | 91 | 122 | N by E | 90 | 0·02 | Cloudy. |
| 12 | 29·908 | 0·130 | 77·6 | 74·9 | 84·2 | 74·3 | 139·0 | 73·6 | 0·830 | 88 | 176 | N N E | 65 | 0·32 | Cloudy: rain. |
| 13 | 29·938 | 0·129 | 75·8 | 73·1 | 79·1 | 72·3 | 100·5 | 70·9 | 0·780 | 88 | 204 | NE by N | 97 | 1·90 | Overcast: rain. |
| 14 | 29·938 | 0·124 | 74·9 | 71·1 | 81·2 | 74·1 | 139·5 | 71·8 | 0·712 | 83 | 151 | North | 70 | ... | Cloudy. |
| 15 | 29·931 | 0·145 | 72·2 | 67·2 | 80·4 | 65·5 | 140·7 | 62·6 | 0·601 | 76 | 124 | N by W | 25 | ... | Fine with passing clouds. |
| 16 | 29·938 | 0·124 | 71·2 | 65·7 | 81·3 | 64·4 | 140·7 | 61·9 | 0·560 | 73 | 111 | N by W | 42 | ... | Do. |
| 17 | 29·971 | 0·124 | 71·0 | 65·3 | 81·5 | 62·3 | 139·8 | 59·0 | 0·549 | 72 | 94 | North | 25 | ... | Do. |
| 18 | 29·940 | 0·142 | 73·0 | 67·4 | 82·3 | 65·0 | 141·6 | 61·9 | 0·598 | 74 | 102 | North | 50 | ... | Passing clouds. |
| 19 | 29·872 | 0·137 | 74·2 | 66·7 | 82·4 | 67·2 | 140·5 | 64·0 | 0·556 | 66 | 158 | N by W | 45 | ... | Do. |
| 20 | 29·830 | 0·128 | 76·0 | 67·0 | 81·7 | 69·5 | 132·7 | 66·9 | 0·542 | 60 | 250 | N N W | 75 | 0·14 | Cloudy: rain. |
| 21 | 29·839 | 0·078 | 75·5 | 72·2 | 79·5 | 72·6 | 100·5 | 68·0 | 0·747 | 85 | 472 | S by W | 95 | 2·06 | A cyclone. |
| 22 | 29·952 | 0·124 | 77·7 | 74·8 | 86·6 | 71·7 | 142·6 | 69·0 | 0·824 | 86 | 132 | E by N | 60 | 0·30 | Passing clouds: rain. |
| 23 | 29·949 | 0·111 | 77·8 | 74·7 | 84·1 | 75·0 | 140·9 | 73·7 | 0·820 | 86 | 300 | N N E | 90 | 0·66 | Overcast: rain. |
| 24 | 29·962 | 0·088 | 75·4 | 73·3 | 80·6 | 72·8 | 102·3 | 69·5 | 0·793 | 90 | 242 | N by E | 97 | 0·04 | Cloudy. |
| 25 | 29·990 | 0·104 | 75·2 | 73·8 | 78·2 | 73·6 | 110·5 | 71·7 | 0·816 | 93 | 186 | NE by N | 100 | 2·94 | Overcast with rain. |
| 26 | 29·997 | 0·117 | 76·1 | 72·7 | 81·4 | 72·8 | 136·1 | 70·7 | 0·759 | 84 | 218 | N N E | 60 | 0·02 | Passing clouds. |
| 27 | 29·994 | 0·122 | 75·1 | 71·5 | 81·3 | 68·5 | 132·0 | 65·8 | 0·725 | 84 | 243 | N by E | 48 | ... | Do. |
| 28 | 30·029 | 0·104 | 75·1 | 71·8 | 80·6 | 72·2 | 128·5 | 71·1 | 0·737 | 85 | 183 | N by E | 95 | 0·02 | Cloudy. |
| 29 | 30·044 | 0·121 | 75·1 | 71·2 | 83·0 | 68·9 | 138·5 | 65·9 | 0·712 | 81 | 168 | NE by N | 35 | ... | Fine with passing clouds. |
| 30 | 30·024 | 0·106 | 74·0 | 69·5 | 81·9 | 67·9 | 138·3 | 63·7 | 0·662 | 79 | 165 | N N E | 33 | ... | Do. |
| Mean | 29·927 | 0·116 | 75·3 | 71·9 | 81·4 | 71·2 | 126·0 | 69·1 | 0·740 | 84 | 179 | N N E | 73 | 33·49 | |

*Note.*—21st. The southern portion of a somewhat severe cyclone swept over Madras between 3 A.M. and noon. At midnight the barometer reading (reduced) was 29·77, wind N. W. 19 miles per hour. At 4-45 A.M. the wind was due west 28 miles an hour and the barometer 29·61 inches. At 7 A.M. the wind was S. W. and the barometer had reached its lowest point, 29·57 inches. Between 7 and 8 A.M. the wind velocity was 49 miles per hour and the direction oscillated wildly between S.W. by W. and S. by W. During one of the gusts the thermometer shed was blown down. This cyclone is chiefly remembered by the circumstance that it burst the Red Hills' tank from which Madras obtains its water supply. The wind was at its height when the direction was along the greatest length of the tank and the waves thus produced washed away part of the embankment.

## Madras Meteorological Observations. 1884—December.

| December 1884 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·040 | 0·117 | 73·5 | 71·1 | 81·9 | 65·9 | 140·6 | 61·9 | 0·731 | 88 | 169 | N by E | 42 | ... | Fine with passing clouds. |
| 2 | 30·067 | 0·118 | 74·2 | 70·8 | 79·2 | 71·0 | 101·9 | 68·9 | 0·709 | 84 | 241 | N by E | 97 | 0·04 | Cloudy. |
| 3 | 30·063 | 0·132 | 75·1 | 69·5 | 82·5 | 67·6 | 129·2 | 65·9 | 0·648 | 75 | 233 | N N E | 32 | ... | Fine with passing clouds. |
| 4 | 30·027 | 0·145 | 75·6 | 70·0 | 81·7 | 68·7 | 140·5 | 64·9 | 0·660 | 75 | 166 | N by E | 28 | ... | Do. |
| 5 | 30·023 | 0·120 | 73·6 | 69·8 | 81·7 | 66·8 | 135·7 | 62·9 | 0·679 | 82 | 230 | N by E | 40 | 0·04 | Do. |
| 6 | 30·023 | 0·083 | 74·3 | 72·3 | 81·3 | 71·8 | 133·7 | 71·2 | 0·769 | 90 | 274 | N N E | 80 | 0·30 | Cloudy : rain. |
| 7 | 30·037 | 0·082 | 75·9 | 71·8 | 81·8 | 68·5 | 129·2 | 67·2 | 0·726 | 82 | 293 | N by E | 72 | ... | Cloudy. |
| 8 | 30·009 | 0·058 | 76·3 | 74·3 | 81·2 | 74·0 | 146·9 | 72·9 | 0·823 | 91 | 291 | N by E | 65 | 0·17 | Cloudy : rain. |
| 9 | 29·959 | 0·116 | 77·2 | 72·9 | 82·1 | 74·8 | 140·1 | 73·3 | 0·752 | 81 | 315 | N N E | 42 | ... | Fine with passing clouds. |
| 10 | 29·953 | 0·143 | 76·1 | 71·0 | 81·6 | 72·2 | 139·1 | 69·8 | 0·692 | 77 | 235 | NE by N | 63 | ... | Cloudy. |
| 11 | 30·006 | 0·100 | 75·4 | 71·3 | 82·3 | 70·8 | 143·7 | 67·9 | 0·713 | 81 | 232 | N N E | 42 | ... | Fine with passing clouds. |
| 12 | 30·051 | 0·098 | 73·6 | 70·6 | 82·7 | 67·4 | 143·8 | 65·5 | 0·710 | 86 | 177 | N N E | 48 | ... | Do. |
| 13 | 30·005 | 0·151 | 75·5 | 71·4 | 83·6 | 70·1 | 140·9 | 68·9 | 0·715 | 81 | 226 | N by E | 62 | ... | Cloudy. |
| 14 | 29·962 | 0·111 | 75·0 | 72·8 | 83·4 | 69·9 | 144·5 | 68·9 | 0·779 | 89 | 277 | N by W | 75 | 0·01 | Do. |
| 15 | 29·969 | 0·104 | 74·2 | 73·2 | 80·2 | 73·1 | 138·2 | 72·1 | 0·806 | 95 | 275 | N by E | 95 | 2·19 | Overcast with rain. |
| 16 | 30·004 | 0·129 | 75·8 | 72·6 | 82·4 | 73·1 | 134·0 | 68·8 | 0·759 | 85 | 347 | NE by N | 90 | 1·03 | Overcast. |
| 17 | 29·983 | 0·169 | 73·3 | 71·5 | 76·7 | 71·2 | 87·0 | 69·8 | 0·749 | 91 | 322 | NE by E | 100 | 5·13 | Do. |
| 18 | 29·991 | 0·153 | 72·3 | 69·8 | 73·6 | 73·2 | 86·7 | 67·8 | 0·696 | 88 | 408 | NE by E | 100 | 4·35 | Do. |
| 19 | 29·995 | 0·128 | 74·6 | 72·4 | 83·1 | 69·2 | 131·9 | 68·8 | 0·768 | 89 | 202 | E N E | 100 | 0·15 | Do. |
| 20 | 30·005 | 0·114 | 76·7 | 74·4 | 83·5 | 72·2 | 128·2 | 70·3 | 0·823 | 90 | 161 | NE by E | 75 | 0·03 | Cloudy. |
| 21 | 29·968 | 0·116 | 75·0 | 72·2 | 82·5 | 70·2 | 132·7 | 68·8 | 0·756 | 87 | 108 | E by N | 60 | 0·12 | Passing clouds : rain. |
| 22 | 29·948 | 0·101 | 74·2 | 72·9 | 80·0 | 72·9 | 129·6 | 69·9 | 0·793 | 94 | 98 | E by N | 80 | 0·85 | Cloudy with rain : fine night. |
| 23 | 29·951 | 0·126 | 75·5 | 72·7 | 83·6 | 69·1 | 142·1 | 68·8 | 0·768 | 87 | 92 | E by N | 45 | ... | Fine with passing clouds. |
| 24 | 29·992 | 0·118 | 76·4 | 73·5 | 83·7 | 71·0 | 138·7 | 68·7 | 0·790 | 87 | 137 | NE by E | 55 | ... | Passing clouds. |
| 25 | 30·013 | 0·119 | 76·4 | 72·4 | 83·3 | 71·6 | 138·7 | 67·8 | 0·742 | 82 | 197 | N E | 52 | ... | Do. |
| 26 | 29·994 | 0·123 | 76·1 | 72·4 | 83·6 | 70·9 | 136·7 | 67·8 | 0·747 | 84 | 110 | N E | 45 | ... | Fine with passing clouds. |
| 27 | 29·997 | 0·099 | 75·3 | 71·8 | 83·4 | 69·3 | 137·7 | 66·8 | 0·734 | 84 | 137 | NE by N | 40 | ... | Do. |
| 28 | 29·994 | 0·093 | 75·0 | 71·5 | 83·8 | 69·7 | 147·0 | 67·0 | 0·726 | 84 | 146 | NE by N | 42 | ... | Do. |
| 29 | 30·052 | 0·088 | 74·4 | 70·8 | 83·8 | 67·9 | 139·7 | 64·6 | 0·707 | 83 | 135 | NE by N | 35 | ... | Do. |
| 30 | 30·070 | 0·093 | 74·1 | 70·9 | 83·0 | 67·8 | 140·0 | 63·9 | 0·715 | 85 | 119 | NE by N | 30 | ... | Do. |
| 31 | 30·032 | 0·124 | 74·4 | 71·6 | 84·1 | 67·7 | 142·9 | 65·0 | 0·739 | 86 | 68 | E N E | 40 | ... | Do. |
| Mean | 30·006 | 0·115 | 75·0 | 71·8 | 82·0 | 70·3 | 133·6 | 67·6 | 0·739 | 85 | 207 | NE by N | 60 | 14·41 | |

*Note.*—The heavy rain on the 17th and 18th was due to a cyclone which formed to the east of Trincomalee, crossed the coast near Negapatam on the morning of the 18th, and marched rapidly across the south of the Peninsula.

## Madras Mean Monthly and Annual Meteorological Results in 1884.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·044 | 0·123 | 73·6 | 82·1 | 66·6 | 15·5 | 68·7 | 65·2 | 0·641 | 77 | 137·6 | 63·4 | 152 | 3 | N E by N | 2·14 | 3 | 50 |
| February | 29·996 | 0·147 | 74·7 | 85·0 | 66·1 | 18·9 | 69·9 | 65·2 | 0·669 | 77 | 142·2 | 61·4 | 105 | 10 | E S E | ... | ... | 74 |
| March | 29·900 | 0·136 | 78·9 | 89·3 | 70·6 | 18·7 | 74·0 | 69·7 | 0·782 | 78 | 144·0 | 66·4 | 144 | 13 | S E by S | ... | ... | 85 |
| April | 29·866 | 0·130 | 82·7 | 91·8 | 75·5 | 16·3 | 77·0 | 74·0 | 0·855 | 77 | 143·0 | 72·4 | 179 | 14 | S S E | 1·66 | 1 | 73 |
| May | 29·746 | 0·132 | 86·7 | 98·8 | 80·2 | 18·6 | 79·3 | 76·1 | 0·905 | 71 | 146·3 | 78·1 | 206 | 16 | South | 0·53 | 1 | 65 |
| June | 29·732 | 0·124 | 87·3 | 101·2 | 80·9 | 20·3 | 78·1 | 75·3 | 0·839 | 65 | 145·3 | 79·5 | 225 | 18 | S S W | 0·96 | 4 | 52 |
| July | 29·722 | 0·131 | 84·8 | 96·6 | 79·1 | 17·5 | 76·4 | 73·8 | 0·797 | 67 | 139·0 | 77·2 | 190 | 19 | S W by S | 3·55 | 16 | 30 |
| August | 29·741 | 0·131 | 84·4 | 96·5 | 77·5 | 19·0 | 76·0 | 73·3 | 0·784 | 67 | 143·1 | 75·9 | 202 | 19 | S W by S | 1·50 | 11 | 39 |
| September | 29·791 | 0·147 | 82·8 | 93·3 | 76·4 | 16·9 | 76·4 | 72·9 | 0·824 | 74 | 140·7 | 74·8 | 179 | 19 | S W by S | 5·56 | 14 | 31 |
| October | 29·886 | 0·125 | 80·1 | 87·5 | 75·2 | 12·3 | 75·4 | 72·8 | 0·820 | 80 | 137·2 | 73·1 | 144 | 0 | North | 15·03 | 17 | 37 |
| November | 29·927 | 0·116 | 75·3 | 81·4 | 71·2 | 10·2 | 71·9 | 69·8 | 0·740 | 84 | 126·0 | 69·1 | 179 | 2 | N N E | 33·49 | 19 | 27 |
| December | 30·006 | 0·115 | 75·0 | 82·0 | 70·3 | 11·7 | 71·8 | 68·9 | 0·739 | 85 | 133·6 | 67·6 | 207 | 3 | N E by N | 14·41 | 13 | 40 |
| Annual | 29·863 | 0·130 | 80·5 | 90·5 | 74·1 | 16·3 | 74·6 | 71·4 | 0·783 | 75 | 139·8 | 71·6 | 176 | 11 | S E by E | 78·92 | 99 | 50 |

## Madras Extreme Monthly Meteorological Records in 1884.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·175 | 8 | 29·908 | 17 | 0·267 | 84·1 | 19 | 60·7 | 31 | 60·0 | 31 | 50 | 10 | 147·5 | 16 | 55·6 | 31 | 249 | 3 | 73 | 31 | 1·27 | 4 |
| February | 30·178 | 19 | 29·810 | 16 | 0·368 | 90·4 | 16 | 59·4 | 7 | 58·6 | 7 | 56 | 20 | 146·0 | 24 | 53·7 | 6 | 177 | 16 | 57 | 5 | ... | ... |
| March | 30·063 | 11 | 29·760 | 17 | 0·303 | 95·6 | 17 | 66·0 | 2 | 65·3 | 2 | 51 | 25 | 148·2 | 11 | 60·6 | 6 | 236 | 18 | 55 | 13 | ... | ... |
| April | 29·985 | 13 | 29·735 | 30 | 0·250 | 99·8 | 15 | 69·9 | 21 | 69·4 | 3 | 40 | 15 | 150·9 | 15 | 65·9 | 4 | 271 | 9 | 108 | 4 | 1·66 | 21 |
| May | 29·932 | 6 | 29·581 | 15 | 0·351 | 107·5 | 17 | 71·5 | 8 | 71·2 | 8 | 41 | 16 | 153·6 | 18 | 66·3 | 8 | 294 | 27 | 91 | 8 | 0·53 | 8 |
| June | 29·843 | 25 | 29·610 | 7 | 0·233 | 107·2 | 3 | 74·8 | 18 | 71·5 | 30 | 27 | 29 | 153·7 | 23 | 71·6 | 18 | 301 | 5 | 167 | 19 | 0·59 | 19 |
| July | 29·841 | 19 | 29·536 | 13 | 0·305 | 101·1 | 15 | 75·0 | 26 | 71·3 | 21 | 34 | 1 | 151·6 | 18 | 74·3 | 6 | 245 | 2 | 134 | 25 | 1·20 | 5 |
| August | 29·897 | 31 | 29·581 | 27 | 0·316 | 100·6 | 21 | 73·1 | 14 | 70·8 | 11 | 40 | 19 | 153·7 | 28 | 71·9 | 11 | 284 | 28 | 128 | 25 | 0·43 | 13 |
| September | 29·925 | 13 | 29·586 | 21 | 0·339 | 100·1 | 5 | 69·3 | 15 | 68·6 | 15 | 33 | 3 | 154·4 | 11 | 68·7 | 15 | 242 | 22 | 108 | 15 | 2·18 | 16 |
| October | 29·998 | 9 | 29·719 | 2 | 0·279 | 95·1 | 3 | 70·5 | 26 | 69·1 | 11 | 46 | 3 | 154·2 | 4 | 68·8 | 9 | 228 | 17 | 83 | 26 | 3·76 | 16 |
| November | 30·102 | 29 | 29·780 | 4 | 0·322 | 87·3 | 1 | 62·3 | 17 | 61·2 | 17 | 46 | 19 | 147·7 | 11 | 59·0 | 17 | 472 | 21 | 94 | 17 | 5·72 | 7 |
| December | 30·136 | 3 | 29·876 | 10 | 0·260 | 84·1 | 31 | 65·9 | 1 | 65·8 | 1 | 58 | 5 | 147·0 | 28 | 61·9 | 1 | 408 | 18 | 68 | 31 | 5·13 | 17 |

## Madras Meteorological Observations. 1885—January.

| January 1885 | Barometer reduced to 32° |  | Corrected Mean Temperature |  | Self Registering Thermometers |  |  |  | Deduced |  | Wind |  | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  | Dry |  | Sun | Grass |  |  |  |  |  |  |  |
|  | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction |  |  |  |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches |  |
| 1 | 30·023 | 0·126 | 75·1 | 70·8 | 83·7 | 68·4 | 144·9 | 66·0 | 0·697 | 80 | 82 | East | 40 | ... | Fine with passing clouds. |
| 2 | 30·096 | 0·101 | 75·3 | 70·7 | 84·9 | 68·8 | 142·3 | 66·6 | 0·691 | 79 | 108 | E N E | 47 | ... | Do. |
| 3 | 30·116 | 0·111 | 76·8 | 71·3 | 84·1 | 69·7 | 142·4 | 67·6 | 0·694 | 75 | 168 | NE by E | 40 | ... | Do. |
| 4 | 30·094 | 0·127 | 76·0 | 70·7 | 84·1 | 69·4 | 142·9 | 67·2 | 0·682 | 76 | 153 | NE by E | 40 | ... | Do. |
| 5 | 30·092 | 0·131 | 75·0 | 69·7 | 82·9 | 68·3 | 140·4 | 65·1 | 0·657 | 76 | 173 | N E | 35 | ... | Do. |
| 6 | 30·099 | 0·131 | 76·6 | 69·4 | 83·7 | 71·7 | 142·9 | 68·4 | 0·623 | 68 | 233 | NE by N | 28 | ... | Do. |
| 7 | 30·069 | 0·144 | 76·2 | 70·1 | 83·8 | 72·4 | 139·1 | 69·7 | 0·656 | 73 | 219 | N E | 25 | ... | Do. |
| 8 | 30·038 | 0·162 | 73·9 | 68·4 | 82·7 | 67·5 | 143·1 | 63·9 | 0·622 | 74 | 124 | N E | 35 | ... | Do. |
| 9 | 30·036 | 0·130 | 73·6 | 69·2 | 83·4 | 64·4 | 135·7 | 60·4 | 0·656 | 79 | 116 | NE by N | 35 | ... | Do. |
| 10 | 30·015 | 0·129 | 75·4 | 70·2 | 83·9 | 68·0 | 142·1 | 64·6 | 0·670 | 76 | 152 | NE by E | 25 | ... | Do. |
| 11 | 30·009 | 0·103 | 74·4 | 69·2 | 83·3 | 67·6 | 137·1 | 64·6 | 0·645 | 76 | 131 | E N E | 35 | ... | Do. |
| 12 | 30·022 | 0·088 | 74·1 | 69·5 | 83·3 | 66·4 | 141·7 | 62·9 | 0·661 | 79 | 139 | NE by E | 30 | ... | Do. |
| 13 | 30·014 | 0·142 | 74·4 | 68·7 | 83·9 | 66·9 | 141·4 | 63·4 | 0·627 | 73 | 140 | N E | 30 | ... | Do. |
| 14 | 30·010 | 0·137 | 75·3 | 69·7 | 83·6 | 67·2 | 138·5 | 63·4 | 0·653 | 75 | 135 | E N E | 30 | ... | Do. |
| 15 | 30·005 | 0·145 | 74·6 | 67·8 | 83·9 | 68·0 | 140·5 | 64·4 | 0·590 | 69 | 135 | NE by E | 27 | ... | Do. |
| 16 | 30·042 | 0·127 | 74·6 | 68·8 | 84·4 | 68·0 | 140·0 | 63·6 | 0·628 | 73 | 118 | N E | 27 | ... | Do. |
| 17 | 30·065 | 0·124 | 74·2 | 69·8 | 83·9 | 67·9 | 141·6 | 65·8 | 0·671 | 79 | 134 | N E | 40 | ... | Do. |
| 18 | 30·080 | 0·093 | 75·4 | 70·5 | 83·3 | 67·8 | 142·6 | 63·8 | 0·682 | 78 | 152 | NE by N | 40 | ... | Do. |
| 19 | 30·090 | 0·122 | 74·3 | 69·8 | 84·2 | 66·9 | 142·4 | 63·2 | 0·669 | 79 | 144 | NE by N | 25 | ... | Do. |
| 20 | 30·103 | 0·123 | 73·8 | 69·4 | 84·6 | 66·1 | 141·6 | 62·3 | 0·659 | 80 | 120 | NE by N | 30 | ... | Do. |
| 21 | 30·101 | 0·108 | 72·8 | 68·3 | 83·6 | 64·2 | 140·0 | 60·2 | 0·633 | 78 | 76 | E N E | 25 | ... | Do. |
| 22 | 30·129 | 0·114 | 75·1 | 69·3 | 84·3 | 64·7 | 142·5 | 60·0 | 0·641 | 73 | 126 | E N E | 25 | ... | Do. |
| 23 | 30·130 | 0·137 | 76·9 | 70·7 | 84·5 | 68·4 | 139·7 | 65·9 | 0·669 | 72 | 172 | NE by E | 35 | ... | Do. |
| 24 | 30·097 | 0·121 | 76·5 | 70·3 | 84·1 | 69·3 | 143·4 | 66·4 | 0·659 | 73 | 164 | NE by E | 30 | ... | Do. |
| 25 | 30·094 | 0·096 | 73·6 | 69·0 | 83·6 | 64·8 | 139·5 | 60·2 | 0·649 | 79 | 144 | N E | 27 | ... | Do. |
| 26 | 30·091 | 0·124 | 72·2 | 66·6 | 83·5 | 62·0 | 144·0 | 57·5 | 0·579 | 73 | 115 | N E | 25 | ... | Do. |
| 27 | 30·054 | 0·140 | 74·1 | 68·6 | 84·2 | 63·5 | 141·8 | 59·8 | 0·627 | 74 | 129 | NE by E | 20 | ... | Fine. |
| 28 | 30·046 | 0·106 | 76·1 | 72·4 | 85·7 | 69·0 | 146·2 | 66·2 | 0·747 | 83 | 137 | E N E | 47 | 0·01 | Fine with passing clouds. |
| 29 | 30·029 | 0·119 | 77·8 | 73·2 | 85·9 | 70·7 | 141·8 | 67·2 | 0·757 | 80 | 145 | E by N | 45 | ... | Do. |
| 30 | 30·031 | 0·071 | 75·0 | 71·1 | 84·7 | 67·9 | 139·7 | 64·1 | 0·710 | 82 | 93 | East | 40 | ... | Do. |
| 31 | 30·031 | 0·108 | 73·2 | 68·2 | 84·3 | 65·3 | 139·7 | 61·2 | 0·624 | 76 | 72 | East | 45 | ... | Do. |
| Mean | 30·063 | 0·121 | 74·9 | 69·7 | 84·0 | 67·4 | 141·3 | 64·1 | 0·659 | 76 | 137 | NE by E | 33 | 0·01 |  |

# Madras Meteorological Observations. 1885—February.

| February 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·019 | 0·093 | 72·9 | 66·2 | 84·2 | 64·2 | 139·8 | 59·7 | 0·555 | 68 | 87 | East | 38 | ... | Fine with passing clouds. |
| 2 | 30·005 | 0·104 | 72·5 | 67·4 | 82·0 | 63·4 | 144·3 | 59·6 | 0·604 | 76 | 85 | E S E | 22 | ... | Do. |
| 3 | 30·011 | 0·115 | 74·6 | 68·8 | 84·3 | 65·8 | 140·6 | 62·2 | 0·628 | 73 | 99 | S E | 30 | ... | Do. |
| 4 | 29·994 | 0·124 | 73·8 | 68·4 | 82·8 | 65·5 | 143·4 | 61·1 | 0·623 | 74 | 75 | SE by E | 23 | ... | Do. |
| 5 | 29·952 | 0·147 | 74·2 | 68·6 | 82·3 | 65·2 | 137·6 | 61·1 | 0·626 | 74 | 94 | S E | 27 | ... | Do. |
| 6 | 22·978 | 0·137 | 74·7 | 68·9 | 83·8 | 65·2 | 139·0 | 60·7 | 0·631 | 73 | 98 | S E | 20 | ... | Fine. |
| 7 | 29·931 | 0·163 | 74·8 | 69·4 | 84·1 | 66·1 | 141·8 | 61·1 | 0·647 | 74 | 108 | S E | 28 | ... | Fine with passing clouds. |
| 8 | 29·918 | 0·119 | 74·0 | 67·5 | 84·2 | 64·7 | 138·0 | 60·1 | 0·588 | 70 | 95 | S E | 35 | ... | Do. |
| 9 | 29·891 | 0·120 | 74·9 | 69·0 | 83·1 | 64·4 | 140·3 | 60·5 | 0·631 | 77 | 111 | SE by E | 30 | ... | Do. |
| 10 | 29·912 | 0·063 | 74·9 | 68·8 | 83·1 | 67·4 | 140·4 | 64·3 | 0·624 | 72 | 104 | S E | 25 | ... | Do. |
| 11 | 29·940 | 0·065 | 75·2 | 69·7 | 84·4 | 67·4 | 142·4 | 63·9 | 0·654 | 75 | 103 | SE by E | 32 | ... | Do. |
| 12 | 29·960 | 0·107 | 76·3 | 69·7 | 85·1 | 66·7 | 144·0 | 62·5 | 0·639 | 71 | 106 | SE by E | 33 | ... | Do. |
| 13 | 29·969 | 0·131 | 77·0 | 70·4 | 85·7 | 66·5 | 144·6 | 62·4 | 0·656 | 71 | 122 | E S E | 30 | ... | Do. |
| 14 | 29·953 | 0·148 | 75·7 | 70·0 | 85·4 | 68·0 | 141·8 | 64·1 | 0·658 | 74 | 95 | E S E | 22 | ... | Do. |
| 15 | 29·934 | 0·119 | 76·3 | 70·4 | 85·6 | 65·1 | 140·7 | 62·1 | 0·665 | 73 | 130 | SE by E | 10 | ... | Fine. |
| 16 | 29·885 | 0·158 | 77·3 | 72·0 | 85·7 | 70·0 | 145·2 | 66·8 | 0·715 | 75 | 142 | SE by S | 20 | ... | Do. |
| 17 | 29·852 | 0·171 | 77·3 | 72·2 | 85·2 | 69·6 | 143·3 | 66·3 | 0·723 | 76 | 176 | SE by S | 27 | ... | Fine with passing clouds. |
| 18 | 29·859 | 0·135 | 79·5 | 74·7 | 87·4 | 73·3 | 143·9 | 71·7 | 0·796 | 79 | 182 | S S E | 25 | ... | Do. |
| 19 | 29·897 | 0·065 | 79·5 | 74·5 | 86·9 | 72·8 | 140·9 | 69·5 | 0·788 | 78 | 168 | S S E | 25 | ... | Do. |
| 20 | 29·965 | 0·121 | 78·9 | 73·7 | 87·3 | 72·2 | 141·9 | 69·5 | 0·763 | 77 | 149 | E S E | 30 | ... | Do. |
| 21 | 29·969 | 0·134 | 79·0 | 73·2 | 88·3 | 71·2 | 146·3 | 68·5 | 0·741 | 76 | 100 | E by S | 30 | ... | Do. |
| 22 | 29·953 | 0·118 | 78·4 | 73·4 | 85·9 | 71·3 | 143·7 | 69·1 | 0·757 | 78 | 106 | E S E | 40 | ... | Do. |
| 23 | 29·931 | 0·146 | 77·7 | 72·1 | 85·9 | 70·2 | 143·1 | 67·5 | 0·714 | 75 | 104 | E S E | 28 | ... | Do. |
| 24 | 29·913 | 0·116 | 76·7 | 72·0 | 85·6 | 68·6 | 142·7 | 65·0 | 0·723 | 78 | 102 | SE by E | 32 | ... | Do. |
| 25 | 29·915 | 0·111 | 76·8 | 71·8 | 87·0 | 68·2 | 143·7 | 65·2 | 0·714 | 77 | 110 | SE by E | 30 | ... | Do. |
| 26 | 29·965 | 0·085 | 77·4 | 72·7 | 87·9 | 69·0 | 145·9 | 65·9 | 0·742 | 79 | 115 | E S E | 32 | ... | Do. |
| 27 | 29·982 | 0·158 | 78·6 | 72·8 | 88·5 | 70·1 | 145·3 | 67·3 | 0·729 | 75 | 118 | E by S | 27 | ... | Do. |
| 28 | 29·939 | 0·150 | 78·4 | 70·2 | 87·9 | 68·7 | 145·3 | 64·6 | 0·630 | 63 | 123 | E by S | 30 | ... | Do. |
| Mean | 29·943 | 0·122 | 76·3 | 70·7 | 85·3 | 67·9 | 142·5 | 64·4 | 0·677 | 74 | 115 | SE by E | 28 | *Nil.* | |

## Madras Meteorological Observations. 1885—March.

| March 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·952 | 0·131 | 76·2 | 69·6 | 87·0 | 66·4 | 145·0 | 63·5 | 0·636 | 71 | 120 | E by S | 35 | ... | Fine with passing clouds. |
| 2 | 29·981 | 0·141 | 78·8 | 72·0 | 87·4 | 69·8 | 147·1 | 66·1 | 0·695 | 72 | 125 | E by S | 30 | ... | Do. |
| 3 | 29·976 | 0·133 | 77·9 | 71·7 | 87·9 | 69·0 | 147·8 | 64·3 | 0·695 | 74 | 114 | East | 30 | ... | Do. |
| 4 | 29·943 | 0·126 | 78·6 | 72·8 | 87·7 | 69·6 | 141·8 | 67·3 | 0·730 | 75 | 118 | E by S | 42 | ... | Do. |
| 5 | 29·969 | 0·118 | 79·7 | 74·4 | 87·9 | 73·1 | 145·3 | 71·2 | 0·779 | 78 | 153 | E S E | 35 | ... | Do. |
| 6 | 29·971 | 0·110 | 78·9 | 72·7 | 88·2 | 72·2 | 144·0 | 69·4 | 0·721 | 73 | 111 | E S E | 25 | ... | Do. |
| 7 | 29·975 | 0·138 | 77·4 | 72·0 | 87·1 | 69·2 | 143·2 | 65·3 | 0·713 | 75 | 105 | E S E | 30 | ... | Do. |
| 8 | 29·973 | 0·113 | 77·2 | 71·7 | 85·7 | 69·4 | 139·6 | 65·3 | 0·704 | 75 | 122 | S E | 5 | ... | Fine. |
| 9 | 29·924 | 0·156 | 76·6 | 71·3 | 85·8 | 67·6 | 142·0 | 64·2 | 0·697 | 76 | 113 | SE by S | 20 | ... | Do. |
| 10 | 29·939 | 0·118 | 78·6 | 72·5 | 89·2 | 69·5 | 142·6 | 66·3 | 0·717 | 74 | 125 | S E | 5 | ... | Do. |
| 11 | 29·965 | 0·130 | 78·3 | 72·2 | 87·1 | 69·2 | 141·8 | 65·4 | 0·710 | 74 | 142 | S E | 20 | ... | Do. |
| 12 | 30·002 | 0·110 | 78·8 | 72·5 | 88·1 | 70·0 | 143·4 | 67·3 | 0·716 | 73 | 124 | SE by E | 15 | ... | Do. |
| 13 | 30·002 | 0·112 | 79·2 | 73·0 | 88·7 | 70·1 | 143·4 | 66·3 | 0·730 | 74 | 104 | E S E | 20 | ... | Do. |
| 14 | 29·960 | 0·160 | 79·2 | 73·7 | 87·7 | 70·7 | 142·0 | 65·8 | 0·758 | 75 | 115 | S E | 5 | ... | Do. |
| 15 | 29·938 | 0·163 | 78·7 | 73·1 | 86·6 | 71·2 | 136·5 | 67·3 | 0·741 | 76 | 138 | SE by S | 12 | ... | Do. |
| 16 | 29·931 | 0·136 | 79·5 | 72·5 | 87·4 | 70·3 | 142·8 | 67·1 | 0·706 | 70 | 186 | S S E | 7 | ... | Do. |
| 17 | 29·973 | 0·120 | 80·0 | 74·1 | 88·0 | 70·8 | 143·1 | 68·0 | 0·764 | 74 | 203 | SE by S | 15 | ... | Do. |
| 18 | 30·014 | 0·128 | 81·4 | 74·8 | 89·8 | 75·3 | 146·5 | 72·8 | 0·775 | 73 | 144 | SE by E | 20 | ... | Do. |
| 19 | 29·998 | 0·148 | 80·5 | 73·6 | 88·7 | 72·4 | 143·1 | 70·4 | 0·737 | 71 | 133 | SE by E | 25 | ... | Do. |
| 20 | 29·977 | 0·171 | 80·6 | 73·8 | 88·5 | 72·7 | 142·0 | 64·2 | 0·744 | 71 | 135 | SE by E | 18 | ... | Do. |
| 21 | 29·921 | 0·163 | 80·7 | 74·1 | 88·3 | 73·2 | 143·1 | 71·1 | 0·755 | 72 | 171 | S E | 20 | ... | Do. |
| 22 | 29·910 | 0·157 | 79·7 | 72·0 | 91·5 | 72·0 | 154·7 | 66·0 | 0·683 | 67 | 182 | S by E | 65 | 0·01 | Cloudy : thunderstorm. |
| 23 | 29·883 | 0·159 | 80·9 | 75·8 | 88·9 | 73·7 | 144·2 | 71·9 | 0·824 | 78 | 139 | S by E | 47 | 0·58 | Thunderstorm with hail after 4 P.M. |
| 24 | 29·870 | 0·148 | 80·8 | 76·8 | 89·5 | 74·4 | 143·5 | 73·2 | 0·869 | 83 | 136 | S S E | 30 | ... | Fine with passing clouds. |
| 25 | 29·867 | 0·154 | 82·1 | 77·1 | 91·7 | 76·1 | 160·7 | 74·0 | 0·865 | 79 | 148 | S S E | 18 | ... | Fine. |
| 26 | 29·890 | 0·150 | 81·1 | 76·8 | 87·9 | 74·4 | 143·1 | 72·1 | 0·865 | 82 | 152 | S S E | 20 | ... | Do. |
| 27 | 29·886 | 0·151 | 80·1 | 75·8 | 88·8 | 72·4 | 143·1 | 70·0 | 0·834 | 81 | 156 | S S E | 15 | ... | Do. |
| 28 | 29·876 | 0·168 | 79·8 | 74·5 | 88·1 | 71·6 | 142·1 | 69·8 | 0·784 | 77 | 145 | S S E | 15 | ... | Do. |
| 29 | 29·893 | 0·114 | 79·4 | 74·3 | 88·6 | 71·5 | 142·6 | 69·0 | 0·781 | 78 | 111 | SE by S | 20 | ... | Do. |
| 30 | 29·895 | 0·134 | 79·4 | 73·6 | 88·8 | 69·6 | 145·7 | 67·0 | 0·752 | 75 | 104 | SE by E | 20 | ... | Do. |
| 31 | 29·870 | 0·158 | 80·8 | 74·9 | 89·7 | 72·3 | 146·1 | 69·2 | 0·787 | 74 | 123 | SE by E | 15 | ... | Do. |
| Mean | 29·939 | 0·139 | 79·4 | 73·5 | 88·3 | 71·3 | 144·3 | 68·1 | 0·751 | 75 | 135 | S E | 23 | 0·59 | |

## Madras Meteorological Observations. 1885—April.

| April 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·896 | 0·134 | 79·1 | 74·1 | 88·6 | 73·4 | 147·3 | 70·4 | 0·777 | 78 | 92 | SE by E | 17 | ... | Fine. |
| 2 | 29·919 | 0·114 | 80·8 | 75·0 | 90·4 | 71·4 | 144·7 | 69·2 | 0·792 | 75 | 116 | SE by E | 18 | ... | Do. |
| 3 | 29·921 | 0·102 | 82·3 | 76·1 | 90·2 | 75·0 | 145·5 | 71·4 | 0·818 | 74 | 141 | S E | 15 | ... | Do. |
| 4 | 29·879 | 0·138 | 82·9 | 76·6 | 95·6 | 74·9 | 149·1 | 73·4 | 0·832 | 74 | 181 | S S E | 20 | ... | Do. |
| 5 | 29·872 | 0·150 | 83·6 | 76·8 | 93·8 | 76·2 | 149·0 | 74·4 | 0·831 | 72 | 196 | S S E | 15 | ... | Do. |
| 6 | 29·803 | 0·158 | 83·8 | 77·6 | 91·2 | 76·9 | 149·9 | 75·5 | 0·864 | 75 | 214 | S S E | 20 | ... | Do. |
| 7 | 29·785 | 0·123 | 83·7 | 78·6 | 92·1 | 77·4 | 147·9 | 75·6 | 0·911 | 79 | 233 | S S E | 17 | ... | Do. |
| 8 | 29·865 | 0·103 | 83·5 | 78·0 | 90·5 | 76·4 | 143·6 | 74·4 | 0·886 | 77 | 223 | S S E | 23 | ... | Do. |
| 9 | 29·887 | 0·143 | 82·3 | 76·4 | 90·0 | 76·4 | 145·4 | 74·6 | 0·831 | 75 | 179 | S E | 20 | ... | Do. |
| 10 | 29·853 | 0·158 | 81·7 | 75·5 | 91·1 | 73·8 | 145·9 | 71·7 | 0·801 | 74 | 161 | S S E | 10 | ... | Do. |
| 11 | 29·855 | 0·153 | 81·5 | 76·4 | 90·0 | 73·5 | 144·5 | 72·2 | 0·842 | 78 | 162 | S by E | 20 | ... | Do. |
| 12 | 29·847 | 0·122 | 81·9 | 76·6 | 91·4 | 74·3 | 144·1 | 72·4 | 0·845 | 78 | 186 | S S E | 15 | ... | Do. |
| 13 | 29·866 | 0·126 | 82·1 | 76·0 | 91·7 | 74·5 | 145·0 | 73·4 | 0·817 | 75 | 191 | S S E | 10 | ... | Do. |
| 14 | 29·848 | 0·168 | 82·9 | 76·5 | 91·4 | 75·2 | 144·9 | 73·4 | 0·827 | 73 | 177 | S S E | 10 | ... | Do. |
| 15 | 29·805 | 0·133 | 81·6 | 75·4 | 90·8 | 74·4 | 142·4 | 72·6 | 0·798 | 74 | 171 | S S E | 10 | ... | Do. |
| 16 | 29·826 | 0·084 | 80·8 | 74·9 | 89·3 | 72·5 | 142·5 | 70·5 | 0·787 | 74 | 174 | S S E | 10 | ... | Do. |
| 17 | 29·886 | 0·127 | 81·4 | 74·3 | 89·2 | 72·6 | 144·3 | 70·6 | 0·754 | 71 | 151 | SE by S | 10 | ... | Do. |
| 18 | 29·879 | 0·134 | 81·1 | 73·9 | 89·4 | 70·6 | 144·6 | 68·2 | 0·741 | 71 | 171 | SE by S | 10 | ... | Do. |
| 19 | 29·825 | 0·159 | 84·0 | 77·1 | 94·8 | 74·2 | 148·7 | 71·2 | 0·838 | 72 | 192 | S S E | 5 | ... | Do. |
| 20 | 29·829 | 0·120 | 84·0 | 77·1 | 91·4 | 77·2 | 146·1 | 74·5 | 0·838 | 72 | 214 | S S E | 12 | ... | Do. |
| 21 | 29·834 | 0·117 | 83·8 | 78·7 | 91·6 | 78·4 | 147·3 | 77·2 | 0·914 | 79 | 237 | SE by S | 10 | ... | Do. |
| 22 | 29·822 | 0·157 | 84·9 | 77·9 | 93·1 | 78·6 | 146·1 | 77·2 | 0·863 | 72 | 225 | SE by S | 5 | ... | Do. |
| 23 | 29·821 | 0·130 | 83·8 | 78·4 | 91·2 | 78·1 | 145·9 | 76·4 | 0·900 | 77 | 192 | S S E | 18 | ... | Do. |
| 24 | 29·889 | 0·110 | 83·1 | 75·5 | 92·5 | 74·2 | 145·1 | 71·2 | 0·782 | 69 | 157 | S S E | 5 | ... | Do. |
| 25 | 29·888 | 0·128 | 84·1 | 76·7 | 92·8 | 74·4 | 144·7 | 72·2 | 0·820 | 68 | 165 | SE by S | 10 | ... | Do. |
| 26 | 29·821 | 0·170 | 83·6 | 76·2 | 95·6 | 74·6 | 146·1 | 68·2 | 0·805 | 69 | 179 | S S E | 10 | ... | Do. |
| 27 | 29·807 | 0·134 | 83·3 | 77·2 | 93·0 | 76·4 | 142·1 | 74·4 | 0·850 | 75 | 210 | S S E | 17 | ... | Do. |
| 28 | 29·828 | 0·127 | 84·1 | 77·7 | 92·4 | 76·9 | 144·1 | 74·4 | 0·864 | 74 | 222 | S S E | 18 | ... | Do. |
| 29 | 29·803 | 0·175 | 86·4 | 79·5 | 95·7 | 80·3 | 148·9 | 78·6 | 0·914 | 72 | 276 | S by E | 15 | ... | Do. |
| 30 | 29·805 | 0·143 | 85·5 | 77·7 | 95·1 | 80·2 | 147·3 | 73·7 | 0·845 | 69 | 243 | S S E | 40 | ... | Fine with passing clouds. |
| Mean | 29·849 | 0·135 | 82·9 | 76·6 | 91·9 | 75·4 | 145·8 | 73·1 | 0·833 | 74 | 188 | S S E | 15 | *Nil.* | |

# Madras Meteorological Observations. 1885—May.

| May 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·820 | 0·132 | 84·7 | 79·1 | 91·0 | 78·3 | 143·3 | 77·2 | 0·910 | 77 | 249 | S S E | 30 | ... | Fine with passing clouds. |
| 2 | 29·834 | 0·128 | 83·6 | 78·6 | 95·7 | 78·2 | 138·5 | 77·9 | 0·912 | 79 | 228 | SE by S | 20 | ... | Fine. |
| 3 | 29·797 | 0·138 | 86·4 | 78·8 | 97·5 | 80·9 | 147·7 | 79·4 | 0·883 | 69 | 262 | S S E | 25 | ... | Do. |
| 4 | 29·819 | 0·149 | 85·3 | 79·4 | 92·5 | 81·4 | 144·3 | 79·6 | 0·925 | 76 | 273 | S S E | 22 | ... | Do. |
| 5 | 29·865 | 0·151 | 84·3 | 78·7 | 92·4 | 79·4 | 140·9 | 78·4 | 0·907 | 77 | 236 | SE by S | 30 | ... | Fine with passing clouds. |
| 6 | 29·840 | 0·121 | 84·0 | 78·1 | 92·1 | 77·6 | 141·7 | 75·9 | 0·883 | 75 | 192 | SE by S | 10 | ... | Fine. |
| 7 | 29·856 | 0·117 | 84·1 | 77·7 | 91·1 | 76·0 | 142·4 | 73·6 | 0·864 | 73 | 181 | S S E | 20 | ... | Do. |
| 8 | 29·873 | 0·101 | 85·1 | 77·8 | 91·2 | 79·6 | 142·8 | 78·4 | 0·854 | 71 | 196 | SE by S | 20 | ... | Do. |
| 9 | 29·897 | 0·124 | 84·1 | 77·2 | 92·3 | 78·0 | 141·3 | 75·4 | 0·841 | 72 | 157 | SE by E | 15 | ... | Do. |
| 10 | 29·856 | 0·126 | 84·8 | 78·1 | 92·4 | 79·0 | 142·5 | 77·0 | 0·873 | 74 | 203 | SE by S | 30 | ... | Fine with passing clouds. |
| 11 | 29·800 | 0·196 | 85·1 | 78·0 | 92·8 | 79·3 | 146·4 | 77·2 | 0·865 | 72 | 221 | S S E | 40 | ... | Fine with passing clouds: lg. W. |
| 12 | 29·768 | 0·109 | 83·3 | 76·4 | 94·4 | 74·1 | 144·9 | 71·2 | 0·817 | 71 | 201 | S by W | 33 | 0·07 | Fine with passing clouds. |
| 13 | 29·754 | 0·168 | 86·0 | 79·9 | 93·9 | 81·6 | 143·1 | 75·6 | 0·940 | 76 | 269 | S by E | 35 | ... | Do. |
| 14 | 29·750 | 0·121 | 87·2 | 80·1 | 93·6 | 82·1 | 145·9 | 80·6 | 0·932 | 72 | 276 | S S E | 35 | ... | Fine with passing cl.: th. & lg. W. |
| 15 | 29·753 | 0·161 | 86·3 | 78·1 | 99·0 | 80·1 | 143·3 | 78·9 | 0·852 | 67 | 187 | South | 55 | ... | Passing clouds. |
| 16 | 29·768 | 0·157 | 84·9 | 80·1 | 97·6 | 80·7 | 143·1 | 76·9 | 0·964 | 79 | 179 | S S E | 70 | ... | Do. |
| 17 | 29·770 | 0·134 | 83·8 | 75·8 | 91·2 | 77·5 | 140·7 | 75·0 | 0·785 | 68 | 187 | South | 30 | ... | Fine with passing clouds. |
| 18 | 29·765 | 0·112 | 86·0 | 77·8 | 97·3 | 78·1 | 146·3 | 75·4 | 0·843 | 68 | 201 | S S E | 30 | ... | Do. |
| 19 | 29·774 | 0·133 | 87·0 | 79·5 | 95·1 | 82·5 | 142·0 | 80·7 | 0·908 | 71 | 229 | S by E | 30 | ... | Do. |
| 20 | 29·817 | 0·108 | 86·7 | 78·1 | 96·0 | 79·8 | 143·0 | 78·2 | 0·847 | 67 | 148 | S E | 30 | ... | Do. |
| 21 | 29·820 | 0·145 | 86·9 | 78·6 | 96·1 | 79·8 | 143·2 | 75·7 | 0·867 | 69 | 149 | SE by E | 32 | ... | Do. |
| 22 | 29·844 | 0·141 | 85·4 | 77·2 | 93·0 | 78·6 | 145·7 | 75·9 | 0·824 | 68 | 150 | SE by E | 25 | ... | Do. |
| 23 | 29·886 | 0·100 | 81·9 | 76·0 | 88·6 | 80·5 | 121·0 | 78·6 | 0·819 | 75 | 111 | SE by S | 60 | ... | Passing clouds. |
| 24 | 29·870 | 0·138 | 84·6 | 77·7 | 92·3 | 76·7 | 147·4 | 76·4 | 0·857 | 72 | 143 | SE by S | 40 | ... | Fine with passing clouds. |
| 25 | 29·834 | 0·160 | 85·5 | 78·4 | 92·5 | 78·8 | 139·8 | 77·0 | 0·878 | 72 | 175 | S E | 30 | ... | Do. |
| 26 | 29·807 | 0·151 | 85·3 | 78·3 | 94·0 | 81·5 | 141·6 | 79·8 | 0·876 | 72 | 116 | SE by S | 53 | ... | Passing clouds: th. and lg. S. W. |
| 27 | 29·802 | 0·119 | 86·4 | 79·0 | 94·2 | 81·3 | 145·2 | 77·2 | 0·892 | 70 | 189 | S S E | 52 | ... | Passing clouds. |
| 28 | 29·807 | 0·106 | 85·4 | 79·2 | 92·6 | 80·4 | 144·3 | 78·2 | 0·915 | 76 | 203 | S S E | 35 | ... | Fine with passing clouds. |
| 29 | 29·788 | 0·109 | 85·5 | 78·0 | 96·2 | 78·9 | 150·4 | 77·0 | 0·859 | 70 | 200 | S S E | 35 | ... | Do. |
| 30 | 29·773 | 0·172 | 86·4 | 79·5 | 97·2 | 80·4 | 142·4 | 78·4 | 0·916 | 72 | 219 | S by E | 35 | ... | Do. |
| 31 | 29·767 | 0·129 | 85·7 | 79·3 | 93·6 | 81·5 | 149·0 | 80·6 | 0·915 | 74 | 207 | S S E | 50 | ... | Passing clouds. |
| Mean | 29·812 | 0·134 | 85·2 | 78·3 | 93·9 | 79·5 | 143·0 | 77·3 | 0·878 | 72 | 198 | S S E | 34 | 0·07 | |

# Madras Meteorological Observations. 1885—June.

| June 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·775 | 0·177 | 85·4 | 79·1 | 93·8 | 79·1 | 141·6 | 77·6 | 0·910 | 75 | 153 | S E | 25 | ... | Fine with passing clouds. |
| 2 | 29·765 | 0·128 | 84·9 | 78·4 | 93·5 | 78·7 | 143·8 | 77·1 | 0·885 | 74 | 129 | S E | 42 | ... | Passing clouds. |
| 3 | 29·748 | 0·141 | 86·0 | 78·9 | 95·0 | 79·7 | 144·4 | 78·5 | 0·894 | 72 | 130 | SE by E | 35 | ... | Fine with passing clouds: th. & lg. |
| 4 | 29·759 | 0·129 | 82·6 | 77·1 | 91·4 | 78·4 | 138·4 | 76·0 | 0·858 | 77 | 70 | E S E | 67 | 0·05 | Cloudy. |
| 5 | 29·731 | 0·135 | 82·1 | 76·9 | 86·2 | 78·9 | 117·2 | 76·9 | 0·856 | 78 | 54 | East | 90 | 0·02 | Do. |
| 6 | 29·725 | 0·106 | 82·2 | 76·8 | 90·1 | 77·5 | 125·8 | 75·9 | 0·851 | 78 | 113 | S S E | 70 | 0·08 | Do. |
| 7 | 29·703 | 0·113 | 83·9 | 76·7 | 93·7 | 76·0 | 140·2 | 75·2 | 0·823 | 71 | 182 | South | 45 | ... | Passing clouds. |
| 8 | 29·662 | 0·156 | 86·9 | 77·0 | 97·4 | 82·3 | 148·5 | 78·7 | 0·795 | 62 | 220 | S by W | 74 | ... | Cloudy. |
| 9 | 29·666 | 0·114 | 87·4 | 76·3 | 99·1 | 84·3 | 139·2 | 83·7 | 0·758 | 58 | 218 | S S W | 83 | ... | Do. |
| 10 | 29·699 | 0·096 | 86·8 | 77·7 | 96·7 | 83·9 | 130·6 | 82·7 | 0·828 | 65 | 206 | S S W | 80 | ... | Do. |
| 11 | 29·680 | 0·163 | 89·6 | 78·3 | 101·0 | 82·8 | 146·8 | 82·4 | 0·817 | 58 | 220 | SWbyW | 69 | 0·04 | Cloudy: th. and lg. |
| 12 | 29·685 | 0·118 | 86·1 | 76·7 | 95·4 | 79·5 | 127·2 | 77·1 | 0·793 | 63 | 228 | SWbyW | 93 | 0·01 | Cloudy. |
| 13 | 29·703 | 0·095 | 84·4 | 77·7 | 92·6 | 78·5 | 121·6 | 75·9 | 0·860 | 73 | 212 | SWbyW | 91 | 0·01 | Cloudy: lg. S. |
| 14 | 29·712 | 0·119 | 82·5 | 76·2 | 93·4 | 75·8 | 132·6 | 73·0 | 0·820 | 74 | 253 | W S W | 98 | 0·69 | Cloudy: rain: th. and lg. |
| 15 | 29·688 | 0·106 | 82·7 | 75·9 | 91·4 | 75·9 | 134·2 | 74·7 | 0·804 | 72 | 163 | S W | 93 | 0·09 | Cloudy. |
| 16 | 29·710 | 0·099 | 83·8 | 75·6 | 94·9 | 78·4 | 131·0 | 76·9 | 0·776 | 67 | 157 | SWbyW | 75 | 0·43 | Cloudy: th. lg. and rain. |
| 17 | 29·741 | 0·135 | 81·8 | 76·3 | 90·6 | 78·1 | 126·2 | 75·7 | 0·834 | 77 | 143 | S W | 92 | 1·26 | Cloudy: rain. |
| 18 | 29·729 | 0·089 | 82·3 | 75·7 | 94·3 | 75·2 | 140·0 | 74·4 | 0·801 | 73 | 217 | W S W | 60 | 0·45 | Passing clouds: rain. |
| 19 | 29·724 | 0·116 | 84·3 | 75·3 | 90·9 | 77·8 | 130·8 | 76·9 | 0·757 | 64 | 205 | S S W | 85 | ... | Cloudy. |
| 20 | 29·742 | 0·159 | 84·7 | 75·7 | 90·4 | 77·6 | 120·2 | 75·6 | 0·768 | 64 | 202 | SW by S | 80 | ... | Do. |
| 21 | 29·749 | 0·114 | 86·3 | 74·9 | 95·5 | 79·1 | 137·2 | 77·3 | 0·712 | 57 | 297 | W S W | 75 | ... | Do. |
| 22 | 29·732 | 0·160 | 88·7 | 76·0 | 97·4 | 80·3 | 140·8 | 76·9 | 0·727 | 54 | 251 | W by S | 65 | ... | Do. |
| 23 | 29·706 | 0·138 | 88·8 | 76·7 | 100·0 | 80·4 | 144·4 | 77·9 | 0·757 | 56 | 280 | W by S | 47 | ... | Passing clouds. |
| 24 | 29·677 | 0·181 | 88·3 | 76·4 | 101·8 | 80·1 | 144·2 | 78·9 | 0·750 | 56 | 215 | SWbyW | 60 | 0·12 | Passing clouds: rain. |
| 25 | 29·656 | 0·148 | 88·7 | 75·7 | 100·5 | 80·4 | 150·9 | 74·9 | 0·714 | 53 | 227 | SWbyW | 60 | ... | Passing clouds. |
| 26 | 29·669 | 0·161 | 90·9 | 73·8 | 101·5 | 82·1 | 148·0 | 81·0 | 0·605 | 42 | 261 | West | 55 | 0·01 | Do. |
| 27 | 29·685 | 0·154 | 86·0 | 74·2 | 101·0 | 80·9 | 150·9 | 78·9 | 0·688 | 54 | 237 | S W | 55 | ... | Do. |
| 28 | 29·713 | 0·123 | 87·0 | 75·7 | 101·2 | 82·0 | 151·0 | 80·9 | 0·738 | 57 | 234 | SW by S | 45 | ... | Do. |
| 29 | 29·718 | 0·114 | 86·0 | 77·2 | 98·4 | 81·1 | 145·7 | 80·1 | 0·815 | 65 | 240 | S S W | 38 | ... | Fine with passing clouds: lg. S |
| 30 | 29·684 | 0·098 | 85·8 | 75·8 | 98·6 | 80·8 | 151·4 | 80·3 | 0·758 | 61 | 250 | S W | 70 | ... | Cloudy: lg. |
| Mean | 29·711 | 0·130 | 85·5 | 76·5 | 95·6 | 79·5 | 138·2 | 77·7 | 0·792 | 65 | 200 | SW by S | 67 | 3·26 | |

# Madras Meteorological Observations. 1885—July.

| July 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·689 | 0·122 | 86·6 | 77·2 | 98·0 | 78·7 | 145·4 | 77·7 | 0·808 | 63 | 237 | SW by S | 30 | ... | Fine with passing clouds. |
| 2 | 29·722 | 0·122 | 86·1 | 76·9 | 100·1 | 80·6 | 141·7 | 76·7 | 0·801 | 65 | 255 | S W | 35 | ... | Do. |
| 3 | 29·732 | 0·094 | 88·6 | 76·1 | 100·4 | 80·6 | 149·3 | 75·7 | 0·733 | 54 | 242 | W S W | 45 | 0·01 | Do. |
| 4 | 29·718 | 0·141 | 87·9 | 76·4 | 99·9 | 82·9 | 150·7 | 75·7 | 0·756 | 57 | 226 | W N W | 73 | 0·17 | Cloudy with rain. |
| 5 | 29·749 | 0·127 | 85·7 | 76·1 | 97·9 | 81·0 | 143·3 | 78·5 | 0·770 | 63 | 198 | SW by W | 62 | 0·09 | Cloudy : lg. |
| 6 | 29·752 | 0·134 | 87·5 | 76·1 | 98·9 | 79·9 | 147·3 | 77·8 | 0·748 | 57 | 200 | S W | 50 | ... | Passing clouds : th. and lg. E. S. E. |
| 7 | 29·733 | 0·106 | 86·7 | 75·8 | 99·1 | 80·0 | 148·9 | 78·2 | 0·745 | 58 | 216 | S S W | 45 | ... | Passing clouds. |
| 8 | 29·746 | 0·155 | 85·8 | 76·2 | 99·3 | 80·2 | 148·1 | 78·7 | 0·776 | 63 | 231 | SW by S | 55 | ... | Passing clouds : lg. W. |
| 9 | 29·769 | 0·086 | 83·9 | 76·7 | 93·2 | 76·7 | 140·3 | 74·7 | 0·823 | 72 | 211 | S S W | 60 | ... | Passing clouds. |
| 10 | 29·800 | 0·153 | 84·7 | 77·3 | 96·7 | 79·3 | 144·1 | 75·7 | 0·838 | 70 | 194 | SW by S | 40 | ... | Fine with passing clouds. |
| 11 | 29·781 | 0·108 | 84·2 | 76·8 | 94·2 | 80·0 | 146·4 | 79·3 | 0·823 | 70 | 160 | S by W | 40 | ... | Do. |
| 12 | 29·780 | 0·081 | 85·3 | 77·4 | 97·6 | 80·0 | 143·6 | 79·7 | 0·834 | 68 | 272 | S by W | 33 | ... | Do. |
| 13 | 29·818 | 0·116 | 83·6 | 76·4 | 90·7 | 79·0 | 123·1 | 77·0 | 0·814 | 71 | 152 | SW by S | 92 | 0·01 | Cloudy : th. and lg. S. |
| 14 | 29·802 | 0·124 | 81·4 | 74·9 | 86·0 | 78·8 | 113·3 | 76·7 | 0·779 | 73 | 148 | W S W | 95 | 0·12 | Cloudy ; rain : lg. S. W. |
| 15 | 29·766 | 0·100 | 81·7 | 72·3 | 89·8 | 76·0 | 127·6 | 74·7 | 0·669 | 61 | 244 | W by S | 100 | 0·01 | Overcast. |
| 16 | 29·726 | 0·129 | 85·8 | 73·7 | 95·9 | 76·2 | 148·7 | 74·6 | 0·670 | 55 | 219 | SW by W | 55 | ... | Passing clouds. |
| 17 | 29·668 | 0·137 | 87·8 | 74·6 | 99·1 | 79·1 | 151·4 | 77·6 | 0·680 | 51 | 222 | W S W | 57 | 0·01 | Do. |
| 18 | 29·683 | 0·095 | 87·2 | 77·7 | 98·4 | 79·8 | 148·9 | 78·5 | 0·823 | 64 | 229 | SW by W | 50 | ... | Do. |
| 19 | 29·667 | 0·108 | 88·1 | 77·6 | 98·3 | 80·5 | 142·9 | 79·9 | 0·806 | 61 | 217 | S W | 65 | ... | Cloudy. |
| 20 | 29·721 | 0·113 | 85·4 | 79·0 | 95·1 | 81·3 | 137·6 | 78·8 | 0·905 | 74 | 217 | SW by S | 63 | ... | Do. |
| 21 | 29·761 | 0·124 | 86·1 | 78·3 | 100·9 | 80·2 | 147·4 | 79·6 | 0·864 | 68 | 216 | S S W | 35 | ... | Passing clouds. |
| 22 | 29·744 | 0·149 | 85·8 | 76·8 | 93·3 | 82·0 | 125·9 | 81·6 | 0·801 | 65 | 206 | W S W | 87 | ... | Cloudy. |
| 23 | 29·673 | 0·123 | 87·4 | 75·6 | 96·8 | 81·0 | 127·9 | 79·6 | 0·728 | 56 | 225 | W S W | 73 | ... | Do. |
| 24 | 29·725 | 0·110 | 87·1 | 75·0 | 94·3 | 81·0 | 141·9 | 79·8 | 0·706 | 55 | 239 | W S W | 82 | ... | Do. |
| 25 | 29·770 | 0·118 | 87·9 | 76·7 | 99·6 | 82·0 | 153·4 | 81·6 | 0·769 | 58 | 240 | W S W | 60 | 0·01 | Passing clouds. |
| 26 | 29·734 | 0·171 | 87·8 | 75·6 | 101·9 | 79·6 | 149·1 | 78·6 | 0·722 | 56 | 237 | SW by W | 53 | 0·09 | Do. |
| 27 | 29·683 | 0·160 | 86·2 | 75·1 | 99·8 | 78·4 | 153·3 | 77·8 | 0·723 | 58 | 209 | SW by W | 57 | 0·04 | Do. |
| 28 | 29·694 | 0·080 | 86·4 | 74·7 | 95·3 | 79·0 | 129·7 | 77·6 | 0·736 | 56 | 216 | SW by W | 68 | ... | Cloudy. |
| 29 | 29·732 | 0·111 | 85·9 | 74·7 | 94·9 | 80·0 | 131·6 | 78·4 | 0·720 | 58 | 183 | SW by S | 70 | 0·03 | Do. |
| 30 | 29·742 | 0·126 | 85·5 | 76·2 | 96·2 | 79·7 | 143·1 | 78·6 | 0·803 | 63 | 172 | S by W | 58 | ... | Passing clouds. |
| 31 | 29·725 | 0·138 | 84·2 | 77·4 | 96·4 | 77·4 | 147·9 | 76·6 | 0·850 | 72 | 168 | S by W | 32 | ... | Fine with passing clouds. |
| Mean | 29·736 | 0·121 | 85·9 | 76·2 | 96·7 | 79·7 | 141·7 | 77·9 | 0·775 | 62 | 213 | S W | 59 | 0·59 | |

# Madras Meteorological Observations. 1885—August.

| August 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·709 | 0·162 | 84·4 | 78·4 | 96·2 | 78·1 | 132·3 | 77·7 | 0·892 | 75 | 206 | S S W | 30 | ... | Fine with passing clouds. |
| 2 | 29·718 | 0·118 | 86·4 | 78·5 | 96·0 | 80·8 | 140·5 | 77·7 | 0·869 | 69 | 219 | S by W | 35 | 0·07 | Do. |
| 3 | 29·729 | 0·164 | 84·7 | 78·7 | 95·0 | 80·9 | 142·3 | 79·7 | 0·901 | 76 | 188 | South | 72 | ... | Cloudy. |
| 4 | 29·727 | 0·109 | 84·2 | 78·5 | 95·7 | 79·8 | 142·3 | 79·7 | 0·899 | 77 | 164 | South | 58 | 0·51 | Passing clouds : rain. |
| 5 | 29·762 | 0·133 | 84·4 | 79·0 | 94·3 | 77·4 | 146·7 | 75·8 | 0·919 | 78 | 211 | South | 47 | 0·01 | Passing clouds. |
| 6 | 29·754 | 0·130 | 85·1 | 77·7 | 98·1 | 78·5 | 150·3 | 77·7 | 0·851 | 70 | 196 | South | 38 | ... | Fine with passing clouds. |
| 7 | 29·769 | 0·116 | 85·4 | 79·4 | 96·9 | 79·5 | 145·5 | 78·6 | 0·924 | 77 | 200 | South | 40 | 0·01 | Do. |
| 8 | 29·764 | 0·128 | 84·7 | 78·1 | 96·9 | 77·8 | 154·1 | 76·7 | 0·874 | 74 | 189 | S by W | 25 | ... | Do. |
| 9 | 29·698 | 0·114 | 86·1 | 77·5 | 99·2 | 79·1 | 152·5 | 77·7 | 0·829 | 67 | 217 | S by W | 35 | ... | Do. |
| 10 | 29·697 | 0·117 | 81·9 | 74·5 | 94·2 | 74·7 | 129·9 | 73·5 | 0·755 | 71 | 177 | S W | 95 | 0·54 | Cloudy : th. lg. and rain. |
| 11 | 29·658 | 0·116 | 80·2 | 74·9 | 88·1 | 74·6 | 147·1 | 73·7 | 0·795 | 77 | 137 | SW by S | 97 | 0·03 | Overcast. |
| 12 | 29·636 | 0·117 | 81·7 | 75·3 | 90·5 | 76·9 | 128·6 | 75·8 | 0·792 | 73 | 200 | SW by W | 100 | 0·18 | Overcast : rain. |
| 13 | 29·658 | 0·102 | 79·8 | 75·4 | 90·0 | 76·7 | 138·9 | 75·7 | 0·822 | 81 | 180 | SW by W | 95 | 0·18 | Cloudy : rain. |
| 14 | 29·675 | 0·126 | 81·7 | 76·6 | 93·1 | 75·5 | 146·5 | 74·1 | 0·848 | 79 | 198 | S W | 85 | 0·01 | Cloudy : th. and lg. |
| 15 | 29·673 | 0·150 | 83·2 | 77·7 | 96·1 | 77·9 | 149·5 | 76·5 | 0·877 | 77 | 233 | S S W | 80 | ... | Cloudy : lg. |
| 16 | 29·663 | 0·134 | 86·7 | 76·8 | 98·3 | 78·0 | 153·5 | 77·0 | 0·789 | 62 | 209 | SW by S | 58 | ... | Passing clouds. |
| 17 | 29·682 | 0·125 | 84·2 | 76·7 | 95·0 | 79·6 | 143·3 | 78·6 | 0·819 | 70 | 235 | S S W | 77 | ... | Cloudy. |
| 18 | 29·743 | 0·132 | 86·2 | 77·3 | 98·7 | 79·5 | 150·3 | 78·2 | 0·817 | 65 | 252 | SW by S | 45 | ... | Passing clouds. |
| 19 | 29·814 | 0·140 | 84·4 | 77·0 | 98·7 | 79·2 | 148·8 | 79·2 | 0·829 | 70 | 175 | SW by S | 55 | 0·08 | Passing clouds : th. and lg. |
| 20 | 29·845 | 0·142 | 83·2 | 77·0 | 98·1 | 77·9 | 147·9 | 77·2 | 0·845 | 73 | 179 | S S W | 45 | 0·53 | Passing clouds : rain : th. and lg. |
| 21 | 29·836 | 0·162 | 82·3 | 78·0 | 95·0 | 75·2 | 139·1 | 75·2 | 0·902 | 82 | 153 | S S W | 53 | 0·54 | Do. : do. : do. |
| 22 | 29·793 | 0·135 | 84·5 | 78·2 | 96·7 | 79·6 | 140·5 | 78·6 | 0·881 | 74 | 197 | S S W | 50 | ... | Passing clouds. |
| 23 | 29·770 | 0·136 | 85·5 | 77·6 | 98·3 | 79·8 | 149·6 | 78·2 | 0·841 | 68 | 195 | S S W | 42 | ... | Do. |
| 24 | 29·762 | 0·164 | 86·4 | 76·0 | 96·1 | 78·8 | 146·1 | 78·6 | 0·758 | 60 | 210 | S W | 75 | ... | Cloudy. |
| 25 | 29·753 | 0·163 | 85·1 | 76·7 | 99·1 | 81·2 | 144·1 | 80·3 | 0·806 | 66 | 189 | S W | 47 | 0·41 | Passing clouds : rain : th. and lg. |
| 26 | 29·809 | 0·137 | 82·3 | 75·3 | 94·1 | 78·0 | 138·8 | 77·2 | 0·784 | 71 | 190 | S by W | 63 | 0·15 | Do. : do. : do. |
| 27 | 29·793 | 0·175 | 83·7 | 78·1 | 95·9 | 76·0 | 142·1 | 74·4 | 0·888 | 77 | 155 | S by W | 47 | 0·16 | Passing clouds : rain. |
| 28 | 29·783 | 0·103 | 84·3 | 78·3 | 95·3 | 77·2 | 118·4 | 74·2 | 0·889 | 75 | 143 | S S W | 50 | ... | Passing clouds : lg. S. W. |
| 29 | 29·795 | 0·129 | 84·3 | 76·3 | 96·3 | 75·2 | 146·5 | 75·2 | 0·800 | 68 | 180 | S S W | 53 | ... | Passing clouds. |
| 30 | 29·807 | 0·140 | 85·0 | 76·9 | 96·5 | 79·0 | 144·1 | 78·2 | 0·817 | 68 | 182 | S S W | 57 | 0·01 | Do. |
| 31 | 29·820 | 0·152 | 83·6 | 77·7 | 93·3 | 77·1 | 149·2 | 77·0 | 0·880 | 76 | 129 | S by W | 40 | ... | Fine with passing clouds. |
| Mean | 29·745 | 0·135 | 84·1 | 77·2 | 95·7 | 78·0 | 144·5 | 77·0 | 0·845 | 72 | 190 | S S W | 58 | 3·45 | |

# Madras Meteorological Observations. 1885—September.

| September 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·787 | 0·140 | 83·9 | 76·6 | 95·9 | 74·8 | 150·7 | 73·4 | 0·818 | 71 | 143 | S S W | 27 | ... | Fine with passing clouds. |
| 2 | 29·779 | 0·146 | 85·8 | 76·5 | 96·8 | 79·3 | 149·9 | 78·4 | 0·788 | 64 | 161 | SW by S | 23 | ... | Fine. |
| 3 | 29·752 | 0·164 | 86·1 | 76·7 | 99·8 | 76·9 | 154·1 | 76·1 | 0·793 | 65 | 215 | South | 37 | ... | Fine with passing clouds. |
| 4 | 29·762 | 0·113 | 85·4 | 77·2 | 99·7 | 76·9 | 153·3 | 76·4 | 0·824 | 67 | 198 | S S W | 40 | 0·01 | Do. |
| 5 | 29·795 | 0·112 | 86·4 | 77·6 | 97·3 | 78·7 | 146·7 | 77·4 | 0·829 | 66 | 191 | South | 33 | ... | Do. |
| 6 | 29·793 | 0·137 | 85·5 | 78·2 | 98·5 | 80·1 | 155·9 | 79·1 | 0·868 | 71 | 173 | S S W | 37 | 0·07 | Do. |
| 7 | 29·786 | 0·135 | 85·0 | 78·6 | 98·1 | 76·0 | 153·8 | 75·2 | 0·892 | 75 | 208 | S by W | 23 | ... | Fine. |
| 8 | 29·790 | 0·158 | 84·3 | 78·6 | 97·0 | 78·3 | 160·5 | 77·2 | 0·902 | 77 | 184 | S by E | 72 | ... | Cloudy. |
| 9 | 29·757 | 0·149 | 85·1 | 77·7 | 96·3 | 79·6 | 156·5 | 77·9 | 0·851 | 70 | 163 | S W | 77 | ... | Do. |
| 10 | 29·747 | 0·123 | 84·6 | 78·8 | 98·8 | 79·2 | 144·7 | 77·5 | 0·908 | 76 | 135 | S by W | 88 | ... | Do. |
| 11 | 29·800 | 0·093 | 82·4 | 76·9 | 87·0 | 80·0 | 135·9 | 78·4 | 0·852 | 77 | 139 | S E | 83 | ... | Cloudy: th. and lg. E. |
| 12 | 29·808 | 0·163 | 84·2 | 77·7 | 95·1 | 77·9 | 150·9 | 75·6 | 0·863 | 74 | 167 | South | 30 | ... | Fine with passing clouds: th. & lg. S. |
| 13 | 29·803 | 0·137 | 85·5 | 78·7 | 99·1 | 76·9 | 157·0 | 75·4 | 0·890 | 73 | 179 | N W | 35 | ... | Fine with passing clouds. |
| 14 | 29·828 | 0·127 | 79·6 | 76·8 | 88·3 | 74·8 | 153·1 | 73·4 | 0·886 | 88 | 108 | SW by W | 80 | 0·50 | Cloudy: rain. |
| 15 | 29·862 | 0·159 | 81·3 | 77·0 | 88·1 | 76·5 | 141·5 | 75·6 | 0·871 | 82 | 123 | S S W | 60 | ... | Passing clouds. |
| 16 | 29·840 | 0·172 | 80·0 | 76·6 | 88·5 | 71·0 | 139·0 | 69·9 | 0·871 | 85 | 130 | S W | 70 | 0·51 | Cloudy: thunderstorm 1-30 A.M. |
| 17 | 29·818 | 0·148 | 79·5 | 75·8 | 88·5 | 70·1 | 123·9 | 69·9 | 0·843 | 84 | 120 | SWbyW | 77 | 1·31 | Thunderstorm 5 A.M. |
| 18 | 29·814 | 0·126 | 83·1 | 77·6 | 93·5 | 77·2 | 144·5 | 75·9 | 0·874 | 77 | 171 | S S W | 40 | 1·16 | Thunderstorm 11 P.M. |
| 19 | 29·761 | 0·148 | 82·4 | 77·1 | 90·7 | 74·2 | 143·8 | 73·9 | 0·861 | 78 | 131 | N N W | 57 | 0·51 | Cloudy: rain: th. & lg. S. |
| 20 | 29·715 | 0·133 | 83·0 | 76·8 | 91·8 | 76·6 | 142·3 | 75·3 | 0·836 | 74 | 125 | S S W | 40 | ... | Passing clouds. |
| 21 | 29·746 | 0·116 | 83·7 | 76·3 | 91·4 | 77·1 | 148·4 | 75·1 | 0·808 | 69 | 128 | W by S | 45 | 0·49 | Passing clouds: rain. |
| 22 | 29·760 | 0·131 | 84·0 | 77·4 | 92·3 | 76·2 | 139·4 | 73·9 | 0·852 | 73 | 147 | S W | 78 | ... | Cloudy. |
| 23 | 29·804 | 0·160 | 82·8 | 76·3 | 93·1 | 78·0 | 139·0 | 76·2 | 0·820 | 73 | 176 | S W | 60 | 0·04 | Do. |
| 24 | 29·825 | 0·128 | 82·7 | 76·9 | 92·7 | 78·0 | 141·0 | 75·9 | 0·848 | 76 | 120 | South | 45 | ... | Passing clouds. |
| 25 | 29·835 | 0·130 | 81·5 | 78·0 | 88·9 | 73·8 | 144·0 | 71·4 | 0·913 | 85 | 145 | S E | 40 | ... | Fine with passing clouds. |
| 26 | 29·859 | 0·125 | 83·0 | 77·9 | 88·7 | 77·0 | 147·6 | 74·9 | 0·889 | 79 | 109 | S E | 30 | ... | Do. |
| 27 | 29·846 | 0·120 | 82·7 | 78·1 | 90·6 | 76·5 | 149·8 | 74·1 | 0·901 | 81 | 117 | SE by S | 30 | ... | Do. |
| 28 | 29·848 | 0·133 | 83·3 | 77·6 | 88·9 | 78·1 | 146·2 | 74·9 | 0·871 | 77 | 105 | E S E | 35 | ... | Do. |
| 29 | 29·899 | 0·162 | 81·8 | 77·8 | 88·6 | 76·2 | 144·2 | 74·7 | 0·900 | 83 | 92 | SE by S | 35 | 0·68 | Sharp thunderstorm 4-30 to 6 A.M. |
| 30 | 29·886 | 0·165 | 82·6 | 78·1 | 89·6 | 77·2 | 145·3 | 75·2 | 0·902 | 81 | 106 | SE by E | 35 | ... | Fine with p. cls.: th. & lg. S. W. |
| Mean | 29·803 | 0·138 | 83·4 | 77·4 | 93·1 | 76·8 | 146·8 | 75·3 | 0·861 | 76 | 147 | South | 49 | 5·28 | |

## Madras Meteorological Observations. 1885—October.

| October 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·855 | 0·170 | 79·8 | 77·3 | 85·3 | 77·4 | 119·2 | 76·1 | 0·906 | 89 | 70 | S S E | 87 | 0·17 | Cloudy : rain. |
| 2 | 29·868 | 0·124 | 82·9 | 78·2 | 87·6 | 78·4 | 147·8 | 76·0 | 0·903 | 81 | 144 | SE by S | 40 | ... | Passing clouds. |
| 3 | 29·868 | 0·146 | 82·9 | 78·2 | 89·2 | 77·0 | 143·4 | 75·2 | 0·903 | 80 | 182 | S S E | 43 | 0·10 | P. cls. : th. and lg. W. & N. : rain. |
| 4 | 29·909 | 0·154 | 81·6 | 78·2 | 87·4 | 76·6 | 142·6 | 74·8 | 0·920 | 85 | 181 | South | 50 | 0·10 | Passing clouds : lg. W. : rain. |
| 5 | 29·906 | 0·153 | 81·0 | 76·9 | 86·1 | 78·3 | 119·0 | 76·5 | 0·871 | 83 | 130 | S by E | 77 | ... | Cloudy : lg. N. |
| 6 | 29·896 | 0·147 | 79·3 | 76·6 | 83·3 | 77·2 | 100·2 | 75·0 | 0·881 | 89 | 62 | S by E | 70 | 0·01 | Passing clouds. |
| 7 | 29·951 | 0·142 | 79·6 | 76·7 | 86·1 | 74·2 | 145·0 | 73·2 | 0·881 | 87 | 103 | SW by W | 61 | 2·03 | Cloudy with rain. |
| 8 | 39·911 | 0·156 | 79·6 | 76·6 | 88·6 | 74·2 | 144·3 | 72·3 | 0·877 | 87 | 86 | S S E | 23 | ... | Chiefly fine : lg. W. |
| 9 | 29·878 | 0·161 | 81·4 | 76·4 | 88·9 | 75·1 | 144·3 | 73·0 | 0·843 | 78 | 76 | East | 25 | ... | Chiefly fine. |
| 10 | 29·870 | 0·143 | 82·6 | 76·3 | 91·3 | 73·5 | 148·0 | 70·4 | 0·822 | 74 | 107 | E by N | 35 | ... | Fine with passing clouds : lg. S. W. |
| 11 | 29·861 | 0·144 | 79·8 | 76·2 | 83·2 | 77·2 | 115·0 | 74·6 | 0·857 | 85 | 62 | NE by N | 85 | 0·17 | Cloudy : rain. |
| 12 | 29·835 | 0·159 | 77·6 | 74·9 | 82·2 | 75·4 | 115·7 | 74·4 | 0·830 | 88 | 89 | N by W | 97 | 0·30 | Do. : do. |
| 13 | 29·803 | 0·144 | 80·1 | 76·3 | 90·8 | 74·6 | 124·6 | 72·9 | 0·857 | 83 | 67 | W N W | 83 | ... | Cloudy. |
| 14 | 29·841 | 0·135 | 81·3 | 76·6 | 92·5 | 73·3 | 144·8 | 71·2 | 0·854 | 80 | 109 | S S W | 40 | ... | Fine with passing clouds. |
| 15 | 29·876 | 0·141 | 83·6 | 77·5 | 92·1 | 77·1 | 147·6 | 74·2 | 0·860 | 74 | 125 | S S E | 30 | ... | Chiefly fine. |
| 16 | 29·868 | 0·147 | 83·3 | 77·4 | 91·8 | 78·1 | 144·7 | 75·4 | 0·861 | 75 | 144 | S S W | 28 | ... | Fine : lg. W. and N. |
| 17 | 29·870 | 0·118 | 82·8 | 78·1 | 94·8 | 76·5 | 147·7 | 74·4 | 0·900 | 81 | 106 | S S W | 75 | ... | Cloudy : lg. |
| 18 | 39·852 | 0·127 | 81·7 | 77·1 | 90·3 | 76·9 | 126·1 | 75·4 | 0·870 | 81 | 92 | E S E | 75 | ... | Cloudy. |
| 19 | 29·825 | 0·144 | 82·0 | 76·7 | 90·2 | 76·6 | 147·3 | 74·7 | 0·848 | 77 | 78 | E by N | 55 | 0·04 | Passing clouds. |
| 20 | 29·852 | 0·100 | 80·9 | 76·2 | 91·2 | 76·4 | 147·7 | 74·6 | 0·841 | 80 | 75 | NE by N | 65 | 0·07 | Do. |
| 21 | 29·876 | 0·141 | 79·6 | 75·5 | 86·7 | 74·3 | 143·3 | 72·6 | 0·830 | 82 | 112 | SW by S | 70 | 0·12 | Passing clouds : rain. |
| 22 | 29·878 | 0·133 | 80·3 | 75·5 | 85·6 | 76·8 | 145·9 | 75·2 | 0·820 | 78 | 198 | South | 85 | ... | Cloudy. |
| 23 | 29·885 | 0·161 | 81·9 | 76·8 | 91·8 | 75·5 | 147·1 | 74·6 | 0·855 | 79 | 211 | S by W | 40 | ... | Fine with passing clouds. |
| 24 | 29·876 | 0·152 | 82·7 | 76·5 | 91·9 | 76·9 | 148·5 | 74·8 | 0·830 | 74 | 196 | S by E | 22 | ... | Fine. |
| 25 | 29·900 | 0·123 | 82·8 | 77·1 | 90·1 | 77·9 | 146·1 | 74·6 | 0·855 | 77 | 159 | S by E | 25 | ... | Do. |
| 26 | 39·899 | 0·139 | 82·8 | 76·1 | 92·8 | 75·4 | 149·3 | 72·4 | 0·811 | 72 | 141 | S S E | 28 | ... | Do. |
| 27 | 29·900 | 0·162 | 82·1 | 77·1 | 88·8 | 77·9 | 141·4 | 75·4 | 0·865 | 79 | 86 | SE by E | 67 | 0·01 | Cloudy. |
| 28 | 29·893 | 0·121 | 82·0 | 75·9 | 90·3 | 76·3 | 148·3 | 74·4 | 0·813 | 75 | 149 | N N E | 50 | 0·09 | Do. |
| 29 | 29·905 | 0·123 | 76·3 | 73·6 | 78·6 | 74·9 | 87·2 | 74·4 | 0·794 | 88 | 151 | N N E | 100 | 4·20 | Overcast : thunderstorm. |
| 30 | 29·886 | 0·111 | 76·4 | 74·1 | 80·3 | 76·0 | 91·2 | 74·7 | 0·813 | 90 | 109 | N by E | 100 | 0·10 | Overcast : rain. |
| 31 | 29·890 | 0·111 | 75·9 | 73·7 | 78·6 | 73·7 | 89·8 | 72·3 | 0·803 | 91 | 96 | N by W | 100 | 0·39 | Do. : do. |
| Mean | 29·877 | 0·140 | 80·9 | 76·5 | 88·0 | 76·1 | 134·0 | 74·2 | 0·854 | 81 | 119 | SE by E | 59 | 7·90 | |

# Madras Meteorological Observations. 1885—November.

| November 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·805 | 0·168 | 75·2 | 72·3 | 79·6 | 73·2 | 104·9 | 72·6 | 0·753 | 86 | 192 | North | 100 | 0·28 | Overcast with rain. |
| 2 | 29·685 | 0·093 | 69·7 | 67·8 | 72·3 | 67·3 | 86·3 | 67·3 | 0·656 | 90 | 383 | West | 100 | 4·26 | Do. |
| 3 | 29·795 | 0·118 | 80·3 | 73·9 | 88·0 | 71·7 | 142·4 | 70·4 | 0·751 | 72 | 178 | S S W | 42 | ... | Passing clouds. |
| 4 | 29·854 | 0·125 | 81·7 | 77·5 | 87·1 | 77·3 | 141·3 | 75·6 | 0·888 | 83 | 148 | S E by S | 30 | ... | Fine with passing clouds. |
| 5 | 29·912 | 0·109 | 81·5 | 76·9 | 88·4 | 75·7 | 141·0 | 73·8 | 0·864 | 81 | 117 | E by S | 30 | 0·14 | Fine with passing clouds : rain. |
| 6 | 29·961 | 0·109 | 80·9 | 76·7 | 87·0 | 75·7 | 142·0 | 73·8 | 0·863 | 82 | 113 | S E by E | 40 | 0·19 | Do. : do. |
| 7 | 29·945 | 0·149 | 81·2 | 76·9 | 88·4 | 75·6 | 139·6 | 73·2 | 0·868 | 82 | 78 | E by S | 30 | ... | Fine with passing clouds. |
| 8 | 29·917 | 0·131 | 81·7 | 77·1 | 89·4 | 75·6 | 146·9 | 73·6 | 0·870 | 81 | 86 | E N E | 33 | ... | Do. |
| 9 | 29·916 | 0·132 | 80·6 | 76·9 | 90·0 | 75·7 | 144·1 | 73·6 | 0·876 | 85 | 103 | E N E | 40 | ... | Do. |
| 10 | 29·948 | 0·118 | 82·5 | 76·8 | 89·0 | 76·6 | 147·9 | 74·4 | 0·846 | 77 | 118 | E by N | 32 | ... | Do. |
| 11 | 29·968 | 0·101 | 82·1 | 75·9 | 89·4 | 75·1 | 147·1 | 71·8 | 0·812 | 74 | 165 | NE by E | 20 | ... | Do. |
| 12 | 29·997 | 0·100 | 79·5 | 73·0 | 88·4 | 73·5 | 142·9 | 70·4 | 0·726 | 72 | 164 | NE by N | 38 | ... | Do. |
| 13 | 29·976 | 0·109 | 80·6 | 75·7 | 87·3 | 75·8 | 141·9 | 72·6 | 0·823 | 78 | 258 | N by E | 60 | 0·24 | Cloudy with showers. |
| 14 | 29·940 | 0·133 | 78·1 | 74·3 | 84·5 | 74·9 | 137·5 | 73·4 | 0·799 | 83 | 286 | N by E | 85 | 0·42 | Cloudy : light rain. |
| 15 | 29·913 | 0·120 | 76·5 | 74·3 | 80·0 | 74·7 | 88·4 | 73·1 | 0·820 | 90 | 370 | N N E | 100 | 1·89 | Overcast and rainy. |
| 16 | 29·857 | 0·134 | 75·9 | 74·5 | 76·4 | 75·5 | 81·1 | 72·4 | 0·835 | 93 | 294 | NE by N | 100 | 6·00 | Overcast : continuous rain. |
| 17 | 29·792 | 0·146 | 76·2 | 75·0 | 80·8 | 73·8 | 98·1 | 72·6 | 0·853 | 94 | 273 | N E | 100 | 3·73 | Overcast with rain. |
| 18 | 29·760 | 0·106 | 73·0 | 72·2 | 75·1 | 71·5 | 77·6 | 71·4 | 0·781 | 96 | 303 | N by W | 100 | 4·16 | Overcast. |
| 19 | 29·801 | 0·154 | 75·3 | 70·7 | 79·1 | 72·0 | 100·5 | 71·4 | 0·691 | 78 | 250 | N N W | 100 | 0·29 | Do. |
| 20 | 29·865 | 0·130 | 77·7 | 71·3 | 84·0 | 74·9 | 140·9 | 73·4 | 0·682 | 71 | 159 | N N W | 88 | ... | Cloudy. |
| 21 | 29·906 | 0·116 | 76·6 | 71·5 | 84·2 | 71·7 | 131·9 | 69·4 | 0·705 | 77 | 98 | N N W | 70 | ... | Do. |
| 22 | 29·930 | 0·113 | 76·1 | 72·1 | 83·6 | 69·7 | 143·2 | 67·4 | 0·735 | 82 | 101 | N N W | 60 | ... | Passing clouds. |
| 23 | 29·951 | 0·129 | 74·8 | 69·0 | 84·5 | 68·3 | 134·9 | 64·4 | 0·632 | 72 | 107 | N by W | 37 | ... | Fine with light clouds. |
| 24 | 30·000 | 0·100 | 74·5 | 68·8 | 84·8 | 67·2 | 144·7 | 62·7 | 0·628 | 73 | 91 | N by E | 15 | ... | Fine. |
| 25 | 30·028 | 0·125 | 74·9 | 68·7 | 83·4 | 66·6 | 142·3 | 62·3 | 0·620 | 72 | 139 | N by E | 33 | ... | Fine with passing clouds. |
| 26 | 30·059 | 0·122 | 74·4 | 69·5 | 83·6 | 69·7 | 142·4 | 67·2 | 0·657 | 77 | 126 | N by E | 60 | ... | Passing clouds. |
| 27 | 30·046 | 0·135 | 75·7 | 70·5 | 83·4 | 68·7 | 143·2 | 66·0 | 0·878 | 76 | 136 | North | 55 | ... | Do. |
| 28 | 30·052 | 0·120 | 77·6 | 72·3 | 84·3 | 70·6 | 146·8 | 68·7 | 0·723 | 76 | 207 | North | 30 | ... | Fine with passing clouds. |
| 29 | 30·054 | 0·128 | 76·5 | 71·6 | 84·8 | 70·4 | 144·4 | 68·4 | 0·710 | 78 | 155 | N by E | 15 | ... | Fine. |
| 30 | 30·038 | 0·142 | 77·2 | 71·6 | 83·8 | 70·1 | 141·1 | 68·2 | 0·701 | 75 | 194 | North | 27 | ... | Fine with passing clouds. |
| Mean | 29·923 | 0·124 | 77·6 | 73·2 | 84·1 | 72·6 | 130·2 | 70·5 | 0·768 | 80 | 180 | NE by N | 56 | 21·60 | |

## Madras Meteorological Observations. 1885—December.

| December 1885 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·012 | 0·109 | 77·2 | 74·0 | 84·0 | 72·7 | 141·1 | 64·4 | 0·798 | 85 | 213 | North | 50 | 0·15 | Passing clouds: rain. |
| 2 | 30·008 | 0·107 | 77·4 | 72·3 | 81·0 | 74·5 | 128·1 | 63·4 | 0·726 | 77 | 222 | N by E | 45 | 0·02 | Passing clouds. |
| 3 | 30·015 | 0·138 | 75·8 | 71·0 | 82·5 | 70·3 | 144·3 | 67·4 | 0·696 | 78 | 202 | North | 30 | ... | Fine with passing clouds. |
| 4 | 30·002 | 0·161 | 72·8 | 67·4 | 81·6 | 68·9 | 135·9 | 65·4 | 0·600 | 74 | 177 | N by W | 25 | ... | Do. |
| 5 | 29·986 | 0·126 | 73·2 | 68·2 | 81·8 | 64·8 | 138·7 | 60·3 | 0·624 | 76 | 190 | N by W | 25 | ... | Do. |
| 6 | 29·946 | 0·087 | 73·9 | 71·6 | 77·4 | 70·6 | 101·5 | 69·4 | 0·746 | 90 | 229 | N N W | 100 | 1·30 | Cloudy and rainy. |
| 7 | 29·930 | 0·096 | 78·1 | 75·6 | 86·5 | 74·4 | 141·7 | 73·4 | 0·852 | 89 | 148 | NE by E | 75 | 0·80 | Cloudy. |
| 8 | 29·938 | 0·082 | 77·5 | 74·8 | 84·2 | 73·8 | 149·3 | 72·4 | 0·825 | 88 | 137 | E N E | 67 | 0·20 | Do. |
| 9 | 29·927 | 0·118 | 78·9 | 74·9 | 85·8 | 74·3 | 139·3 | 73·1 | 0·813 | 82 | 114 | NE by N | 40 | 0·06 | Fine with passing clouds. |
| 10 | 29·917 | 0·112 | 78·5 | 73·9 | 85·5 | 73·8 | 138·5 | 72·1 | 0·776 | 80 | 137 | N E | 35 | ... | Do. |
| 11 | 29·896 | 0·089 | 77·9 | 71·9 | 85·1 | 72·3 | 136·2 | 69·0 | 0·703 | 74 | 150 | NE by N | 23 | ... | Fine. |
| 12 | 29·901 | 0·102 | 77·1 | 72·6 | 86·0 | 70·5 | 144·3 | 67·6 | 0·742 | 80 | 123 | NE by N | 35 | ... | Fine with passing clouds. |
| 13 | 29·900 | 0·134 | 76·7 | 74·0 | 85·8 | 70·9 | 138·5 | 67·4 | 0·805 | 87 | 96 | NE by N | 72 | 0·31 | Cloudy with rain. |
| 14 | 29·907 | 0·091 | 75·6 | 73·9 | 80·4 | 73·0 | 96·8 | 72·4 | 0·812 | 93 | 72 | N E | 97 | 0·22 | Do. |
| 15 | 29·927 | 0·101 | 78·2 | 74·7 | 85·9 | 73·4 | 140·5 | 71·4 | 0·814 | 84 | 176 | N E | 58 | ... | Passing clouds. |
| 16 | 29·896 | 0·122 | 78·0 | 74·6 | 82·7 | 76·6 | 111·4 | 74·7 | 0·812 | 84 | 202 | NE by E | 97 | 0·36 | Cloudy with rain. |
| 17 | 29·834 | 0·114 | 76·8 | 74·7 | 82·4 | 75·5 | 133·8 | 73·5 | 0·833 | 91 | 190 | E by N | 100 | 0·78 | Overcast: rain. |
| 18 | 29·846 | 0·107 | 78·6 | 75·1 | 84·7 | 74·4 | 134·1 | 70·5 | 0·825 | 84 | 100 | E by S | 90 | 0·88 | Cloudy: rain. |
| 19 | 29·898 | 0·099 | 78·5 | 75·9 | 85·4 | 75·6 | 140·7 | 73·9 | 0·861 | 89 | 106 | E N E | 77 | 0·04 | Cloudy. |
| 20 | 29·924 | 0·112 | 75·3 | 72·6 | 79·5 | 72·0 | 136·3 | 70·5 | 0·766 | 87 | 205 | N by W | 88 | ... | Do. |
| 21 | 29·919 | 0·149 | 76·5 | 72·3 | 81·5 | 73·5 | 134·8 | 72·5 | 0·738 | 82 | 226 | N by W | 67 | ... | Do. |
| 22 | 29·946 | 0·114 | 77·9 | 73·2 | 83·7 | 74·6 | 130·8 | 73·7 | 0·756 | 79 | 224 | N by W | 42 | ... | Passing clouds. |
| 23 | 29·954 | 0·075 | 78·3 | 73·8 | 84·5 | 73·8 | 141·8 | 71·8 | 0·775 | 80 | 183 | N by E | 45 | 0·01 | Do. |
| 24 | 29·988 | 0·102 | 77·7 | 73·8 | 84·1 | 73·0 | 139·5 | 69·6 | 0·782 | 83 | 183 | North | 43 | ... | Do. |
| 25 | 30·041 | 0·101 | 76·7 | 71·9 | 84·9 | 71·4 | 141·6 | 70·7 | 0·717 | 78 | 178 | N by E | 35 | ... | Fine with passing clouds. |
| 26 | 30·059 | 0·126 | 75·9 | 71·5 | 84·7 | 69·7 | 143·3 | 65·8 | 0·714 | 79 | 139 | N by E | 40 | ... | Do. |
| 27 | 30·071 | 0·134 | 75·2 | 70·1 | 81·6 | 69·4 | 136·8 | 65·5 | 0·670 | 77 | 174 | North | 30 | ... | Do. |
| 28 | 30·059 | 0·118 | 74·2 | 68·6 | 80·5 | 68·6 | 138·8 | 66·8 | 0·626 | 74 | 170 | North | 50 | ... | Passing clouds. |
| 29 | 30·043 | 0·111 | 72·5 | 68·1 | 82·6 | 66·9 | 140·9 | 63·5 | 0·629 | 78 | 119 | N N E | 50 | ... | Do. |
| 30 | 30·060 | 0·128 | 70·9 | 66·1 | 82·6 | 64·1 | 138·6 | 59·8 | 0·578 | 77 | 103 | N N E | 38 | ... | Fine with passing clouds. |
| 31 | 30·057 | 0·117 | 71·1 | 65·9 | 82·3 | 64·4 | 141·4 | 60·0 | 0·568 | 75 | 100 | N N E | 38 | ... | Do. |
| Mean | 29·962 | 0·112 | 76·2 | 72·2 | 83·3 | 71·7 | 135·5 | 68·8 | 0·741 | 82 | 161 | N N E | 55 | 5·13 | |

## Madras Mean Monthly and Annual Meteorological Results in 1885.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·063 | 0·121 | 74·9 | 84·0 | 67·4 | 16·6 | 69·7 | 66·0 | 0·659 | 76 | 141·3 | 64·1 | 137 | 5 | N E by E | 0·01 | 1 | 67 |
| February | 29·943 | 0·122 | 76·3 | 85·3 | 67·9 | 17·4 | 70·7 | 66·8 | 0·677 | 74 | 142·5 | 64·4 | 115 | 11 | S E by E | ... | ... | 72 |
| March | 29·939 | 0·139 | 79·4 | 88·3 | 71·3 | 17·0 | 73·5 | 70·0 | 0·751 | 75 | 144·3 | 68·1 | 135 | 12 | S E | 0·59 | 2 | 77 |
| April | 29·849 | 0·135 | 82·9 | 91·9 | 75·4 | 16·5 | 76·6 | 73·8 | 0·833 | 74 | 145·8 | 73·1 | 188 | 14 | S S E | ... | ... | 85 |
| May | 29·812 | 0·134 | 85·2 | 93·9 | 79·5 | 14·4 | 78·3 | 76·4 | 0·878 | 72 | 143·0 | 77·3 | 198 | 14 | S S E | 0·07 | 1 | 66 |
| June | 29·711 | 0·130 | 85·5 | 95·6 | 79·5 | 16·1 | 76·5 | 73·9 | 0·792 | 65 | 138·2 | 77·7 | 200 | 19 | S W by S | 3·26 | 13 | 33 |
| July | 29·736 | 0·121 | 85·9 | 96·7 | 79·7 | 17·0 | 76·2 | 73·6 | 0·775 | 62 | 141·7 | 77·9 | 213 | 20 | S W | 0·59 | 11 | 41 |
| August | 29·745 | 0·135 | 84·1 | 95·7 | 78·0 | 17·7 | 77·2 | 74·2 | 0·845 | 72 | 144·5 | 77·0 | 190 | 18 | S S W | 3·45 | 16 | 42 |
| September | 29·803 | 0·138 | 83·4 | 93·1 | 76·8 | 16·3 | 77·4 | 74·0 | 0·861 | 76 | 146·8 | 75·3 | 147 | 16 | South | 5·28 | 10 | 51 |
| October | 29·877 | 0·140 | 80·9 | 88·0 | 76·1 | 11·9 | 76·5 | 74·4 | 0·854 | 81 | 134·0 | 74·2 | 119 | 11 | S E by E | 7·90 | 15 | 41 |
| November | 29·923 | 0·124 | 77·6 | 84·1 | 72·6 | 11·5 | 73·2 | 70·8 | 0·768 | 80 | 130·2 | 70·5 | 180 | 3 | NE by N | 21·60 | 11 | 44 |
| December | 29·962 | 0·112 | 76·2 | 83·3 | 71·7 | 11·6 | 72·2 | 70·0 | 0·741 | 82 | 135·5 | 68·8 | 161 | 2 | N N E | 5·13 | 13 | 45 |
| Annual | 29·864 | 0·129 | 81·0 | 90·0 | 74·7 | 15·3 | 74·8 | 72·0 | 0·786 | 74 | 140·7 | 72·4 | 165 | 12 | S E | 47·88 | 93 | 55 |

## Madras Extreme Monthly Meteorological Records in 1885.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·201 | 23 | 29·936 | 15 | 0·265 | 85·9 | 29 | 62·0 | 26 | 61·2 | 26 | 53 | 21 | 146·2 | 28 | 57·5 | 26 | 233 | 6 | 72 | 31 | 0·01 | 28 |
| February | 30·069 | 1 | 29·779 | 17 | 0·290 | 88·5 | 27 | 63·4 | 2 | 62·1 | 8 | 51 | 28 | 146·3 | 21 | 59·6 | 2 | 182 | 18 | 75 | 4 | ... | ... |
| March | 30·089 | 19 | 29·800 | 25 | 0·289 | 91·7 | 25 | 66·4 | 1 | 65·7 | 1 | 53 | 22 | 160·7 | 25 | 63·5 | 1 | 203 | 17 | 104 | 13 | 0·58 | 23 |
| April | 29·974 | 3 | 29·715 | 29 | 0·259 | 95·7 | 29 | 70·6 | 18 | 69·0 | 18 | 46 | 26 | 149·9 | 6 | 68·2 | 18 | 276 | 29 | 92 | 1 | ... | ... |
| May | 29·947 | 9 | 29·667 | 14 | 0·280 | 99·0 | 15 | 74·4 | 12 | 72·0 | 12 | 43 | 19 | 150·4 | 29 | 71·2 | 12 | 276 | 14 | 111 | 23 | 0·07 | 12 |
| June | 29·858 | 1 | 29·579 | 25 | 0·279 | 101·8 | 24 | 75·2 | 18 | 70·3 | 27 | 27 | 26 | 151·4 | 30 | 73·0 | 14 | 297 | 21 | 54 | 5 | 1·26 | 17 |
| July | 29·863 | 13 | 29·602 | 27 | 0·261 | 101·9 | 26 | 76·0 | 15 | 69·3 | 16 | 29 | 26 | 153·4 | 25 | 74·6 | 16 | 272 | 12 | 148 | 14 | 0·17 | 4 |
| August | 29·917 | 20 | 29·568 | 12 | 0·349 | 99·2 | 9 | 74·6 | 11 | 71·8 | 29 | 41 | 10 | 154·1 | 8 | 73·5 | 10 | 252 | 18 | 129 | 31 | 0·54 | 10 |
| September | 29·956 | 30 | 29·644 | 20 | 0·312 | 99·8 | 3 | 70·1 | 17 | 69·2 | 17 | 40 | 4 | 160·5 | 8 | 69·9 | 16 | 215 | 3 | 92 | 29 | 1·31 | 17 |
| October | 30·019 | 7 | 29·715 | 13 | 0·304 | 94·8 | 17 | 73·3 | 14 | 71·9 | 31 | 58 | 20 | 149·3 | 26 | 70·4 | 10 | 211 | 23 | 62 | 11 | 4·20 | 29 |
| November | 30·128 | 29 | 29·630 | 2 | 0·498 | 90·0 | 9 | 66·6 | 25 | 65·1 | 25 | 49 | 25 | 147·9 | 10 | 62·3 | 25 | 383 | 2 | 78 | 7 | 6·00 | 16 |
| December | 30·138 | 27 | 29·781 | 17 | 0·357 | 86·5 | 7 | 64·1 | 30 | 63·2 | 5 | 53 | 4 | 149·3 | 8 | 59·8 | 30 | 229 | 6 | 72 | 14 | 1·30 | 6 |

# Madras Meteorological Observations. 1886—January.

| January 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 30·065 | 0·121 | 71·5 | 67·0 | 82·0 | 63·8 | 136·2 | 59·4 | 0·603 | 78 | 115 | NE by N | 57 | ... | Passing clouds. |
| 2 | 30·058 | 0·111 | 74·0 | 68·7 | 84·1 | 66·0 | 142·6 | 60·7 | 0·632 | 75 | 156 | N by E | 33 | ... | Fine with passing clouds. |
| 3 | 30·041 | 0·096 | 76·0 | 69·8 | 82·9 | 71·9 | 142·2 | 66·6 | 0·646 | 72 | 280 | NE by N | 90 | ... | Cloudy. |
| 4 | 30·081 | 0·069 | 76·9 | 71·0 | 84·1 | 71·6 | 142·4 | 71·4 | 0·680 | 73 | 271 | NE by N | 75 | ... | Do. |
| 5 | 30·097 | 0·103 | 74·1 | 70·0 | 78·6 | 71·2 | 112·0 | 70·7 | 0·680 | 81 | 244 | N by E | 85 | ... | Do. |
| 6 | 30·062 | 0·117 | 76·0 | 71·7 | 80·6 | 71·0 | 125·2 | 70·6 | 0·720 | 80 | 238 | N N E | 70 | 0·52 | Cloudy : rain. |
| 7 | 30·073 | 0·137 | 74·6 | 66·8 | 82·6 | 68·1 | 136·8 | 64·2 | 0·554 | 65 | 217 | NE by N | 40 | ... | Fine with passing clouds. |
| 8 | 30·090 | 0·107 | 74·6 | 67·4 | 82·2 | 69·2 | 137·2 | 65·4 | 0·576 | 67 | 202 | N N E | 40 | ... | Do. |
| 9 | 30·103 | 0·105 | 72·9 | 67·2 | 82·8 | 65·4 | 142·0 | 62·4 | 0·590 | 73 | 173 | N N E | 35 | ... | Do. |
| 10 | 30·068 | 0·129 | 73·2 | 67·0 | 82·4 | 65·4 | 137·2 | 61·8 | 0·580 | 71 | 145 | N N E | 25 | ... | Do. |
| 11 | 30·028 | 0·129 | 73·0 | 67·7 | 83·3 | 65·6 | 145·2 | 61·4 | 0·610 | 75 | 151 | N by E | 25 | ... | Do. |
| 12 | 30·023 | 0·129 | 72·7 | 68·2 | 82·6 | 64·4 | 139·2 | 60·6 | 0·631 | 78 | 90 | NE by N | 50 | ... | Passing clouds. |
| 13 | 30·016 | 0·110 | 75·0 | 68·6 | 85·0 | 69·6 | 141·2 | 64·3 | 0·613 | 72 | 121 | NE by N | 30 | ... | Do. |
| 14 | 29·999 | 0·140 | 73·1 | 68·2 | 82·9 | 64·7 | 139·1 | 60·5 | 0·625 | 76 | 115 | NE by N | 30 | ... | Do. |
| 15 | 29·973 | 0·123 | 73·9 | 69·8 | 85·5 | 66·4 | 138·1 | 63·1 | 0·675 | 81 | 102 | NE by N | 40 | ... | Do. |
| 16 | 29·996 | 0·111 | 73·3 | 69·0 | 83·4 | 67·5 | 139·0 | 62·6 | 0·652 | 79 | 128 | NE by N | 52 | ... | Do. |
| 17 | 30·009 | 0·113 | 74·6 | 69·3 | 83·9 | 66·3 | 141·2 | 62·3 | 0·647 | 75 | 122 | NE by N | 35 | ... | Do. |
| 18 | 30·018 | 0·152 | 73·6 | 68·8 | 84·5 | 64·9 | 141·6 | 60·5 | 0·639 | 78 | 101 | NE by N | 35 | ... | Do. |
| 19 | 29·966 | 0·131 | 74·1 | 69·6 | 85·2 | 67·8 | 143·3 | 64·4 | 0·664 | 79 | 124 | NE by N | 45 | ... | Do. |
| 20 | 29·929 | 0·128 | 75·1 | 69·9 | 84·1 | 67·4 | 138·8 | 63·9 | 0·663 | 77 | 104 | NE by E | 28 | ... | Do. |
| 21 | 29·922 | 0·120 | 74·2 | 69·3 | 84·4 | 66·5 | 141·3 | 60·3 | 0·652 | 76 | 99 | NE by E | 35 | ... | Do. |
| 22 | 29·904 | 0·109 | 73·1 | 68·3 | 82·9 | 64·4 | 141·2 | 60·3 | 0·629 | 76 | 82 | E by N | 40 | ... | Do. |
| 23 | 29·907 | 0·168 | 73·5 | 68·9 | 84·4 | 65·3 | 143·6 | 60·3 | 0·647 | 78 | 70 | E N E | 30 | ... | Do. |
| 24 | 29·915 | 0·129 | 74·6 | 70·2 | 84·4 | 66·7 | 139·2 | 62·7 | 0·680 | 79 | 56 | E by N | 35 | ... | Do. |
| 25 | 29·898 | 0·132 | 76·2 | 70·6 | 84·2 | 71·8 | 140·1 | 63·8 | 0·674 | 75 | 57 | E S E | 30 | ... | Do. |
| 26 | 29·904 | 0·125 | 74·9 | 70·5 | 84·9 | 67·8 | 140·9 | 60·3 | 0·688 | 79 | 63 | E by S | 37 | ... | Do. |
| 27 | 29·907 | 0·147 | 74·8 | 69·8 | 85·8 | 67·3 | 138·2 | 62·8 | 0·663 | 77 | 66 | E by S | 25 | ... | Fine. |
| 28 | 29·934 | 0·125 | 75·2 | 70·6 | 84·0 | 67·3 | 135·2 | 63·5 | 0·688 | 79 | 69 | E S E | 37 | ... | Passing clouds. |
| 29 | 29·953 | 0·121 | 76·4 | 70·7 | 86·8 | 67·3 | 139·9 | 62·8 | 0·676 | 74 | 84 | E by S | 20 | ... | Fine. |
| 30 | 29·933 | 0·157 | 77·0 | 71·5 | 84·6 | 68·3 | 140·4 | 65·7 | 0·699 | 75 | 90 | E by S | 33 | ... | Passing clouds. |
| 31 | 29·920 | 0·136 | 76·8 | 70·8 | 85·7 | 68·1 | 139·7 | 64·3 | 0·674 | 73 | 97 | E S E | 35 | ... | Do. |
| Mean | 29·993 | 0·124 | 74·5 | 69·3 | 83·7 | 67·4 | 138·7 | 63·3 | 0·647 | 76 | 130 | NE by E | 41 | 0·52 | |

# Madras Meteorological Observations, 1886—February.

| February 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·891 | 0·137 | 75·7 | 69·1 | 83·4 | 67·6 | 138·8 | 64·4 | 0·624 | 71 | 81 | E by S | 32 | ... | Passing clouds. |
| 2 | 29·884 | 0·126 | 75·8 | 69·7 | 83·7 | 66·3 | 139·9 | 63·4 | 0·645 | 73 | 83 | East | 13 | ... | Fine. |
| 3 | 29·911 | 0·160 | 74·8 | 70·3 | 85·4 | 67·2 | 140·0 | 63·2 | 0·682 | 79 | 100 | N E by E | 35 | ... | Passing clouds. |
| 4 | 29·921 | 0·133 | 76·5 | 71·2 | 87·4 | 67·1 | 140·9 | 63·4 | 0·694 | 76 | 158 | NE by N | 35 | ... | Do. |
| 5 | 29·948 | 0·146 | 76·5 | 71·1 | 86·3 | 68·0 | 142·4 | 64·2 | 0·690 | 75 | 214 | N E | 32 | ... | Do. |
| 6 | 29·973 | 0·118 | 76·5 | 70·2 | 85·2 | 68·3 | 142·2 | 64·4 | 0·655 | 72 | 205 | N E | 38 | ... | Do. |
| 7 | 30·023 | 0·134 | 77·4 | 70·6 | 85·2 | 69·9 | 139·2 | 66·7 | 0·659 | 70 | 219 | N E | 22 | .... | Fine. |
| 8 | 30·053 | 0·133 | 77·1 | 70·2 | 85·0 | 69·1 | 141·1 | 67·0 | 0·647 | 69 | 152 | NE by E | 38 | ... | Passing clouds. |
| 9 | 30·069 | 0·148 | 76·9 | 69·4 | 86·0 | 67·9 | 143·4 | 67·0 | 0·619 | 67 | 109 | E N E | 35 | .... | Do. |
| 10 | 30·002 | 0·113 | 76·3 | 69·5 | 87·0 | 68·5 | 142·1 | 66·0 | 0·632 | 70 | 105 | NE by E | 35 | ... | Do. |
| 11 | 29·994 | 0·124 | 75·1 | 69·4 | 85·4 | 66·1 | 143·4 | 63·4 | 0·644 | 74 | 74 | N E | 35 | ... | Do. |
| 12 | 30·030 | 0·091 | 77·4 | 70·2 | 86·6 | 67·5 | 143·6 | 64·3 | 0·643 | 69 | 129 | NE by E | 42 | ... | Do |
| 13 | 30·016 | 0·124 | 75·9 | 68·8 | 86·6 | 66·1 | 141·2 | 63·3 | 0·610 | 69 | 91 | NE by E | 25 | ... | Do. |
| 14 | 29·982 | 0·156 | 75·5 | 69·5 | 85·9 | 66·3 | 143·8 | 62·4 | 0·642 | 73 | 83 | NE by E | 23 | ... | Fine. |
| 15 | 29·926 | 0·157 | 76·1 | 69·9 | 86·3 | 69·7 | 141·3 | 68·5 | 0·649 | 73 | 66 | E by N | 22 | ... | Do. |
| 16 | 29·971 | 0·120 | 75·2 | 68·9 | 86·4 | 67·0 | 144·3 | 62·8 | 0·624 | 71 | 88 | E by N | 30 | ... | Passing clouds. |
| 17 | 29·983 | 0·146 | 75·4 | 68·3 | 86·0 | 64·9 | 145·9 | 60·3 | 0·598 | 68 | 87 | E N E | 27 | ... | Do. |
| 18 | 29·979 | 0·142 | 74·6 | 68·2 | 85·2 | 64·6 | 141·2 | 58·1 | 0·603 | 71 | 72 | E by N | 28 | ... | Do. |
| 19 | 30·020 | 0·105 | 75·5 | 69·4 | 85·8 | 65·9 | 140·9 | 62·5 | 0·638 | 72 | 80 | East | 17 | ... | Fine. |
| 20 | 30·050 | 0·134 | 79·3 | 73·2 | 86·0 | 69·8 | 141·5 | 67·8 | 0·736 | 74 | 139 | NE by E | 45 | ... | Passing clouds. |
| 21 | 30·047 | 0·121 | 79·5 | 73·3 | 88·3 | 73·3 | 142·8 | 70·3 | 0·739 | 74 | 131 | NE by E | 38 | ... | Do. |
| 22 | 30·035 | 0·123 | 78·2 | 72·6 | 88·5 | 68·6 | 143·1 | 65·3 | 0·727 | 76 | 104 | NE by E | 15 | ... | Fine. |
| 23 | 29·997 | 0·110 | 77·0 | 70·9 | 89·6 | 67·4 | 143·8 | 63·2 | 0·696 | 73 | 53 | East | 15 | ... | Do. |
| 24 | 30·009 | 0·137 | 76·8 | 69·8 | 87·1 | 66·4 | 143·4 | 62·3 | 0·636 | 69 | 47 | E S E | 12 | ... | Do. |
| 25 | 29·974 | 0·149 | 75·9 | 70·1 | 87·2 | 65·0 | 141·1 | 60·1 | 0·660 | 74 | 71 | S E | 10 | ... | Do. |
| 26 | 29·938 | 0·171 | 76·3 | 70·8 | 88·2 | 67·1 | 145·5 | 63·1 | 0·681 | 75 | 85 | S E by S | 43 | ... | Passing clouds. |
| 27 | 29·909 | 0·149 | 78·4 | 73·8 | 91·5 | 69·4 | 145·1 | 65·3 | 0·774 | 80 | 137 | S S E | 12 | ... | Fine. |
| 28 | 29·889 | 0·131 | 78·6 | 73·8 | 88·9 | 69·7 | 143·5 | 66·0 | 0·771 | 78 | 144 | S S E | 7 | ... | Clear. |
| | | | | | ... | | | | | | | | | | |
| | | | | | ... | | | | | | | | | | |
| | | | | | ... | | | | | | | | | | |
| Mean | 29·979 | 0·134 | 76·6 | 70·4 | 86·6 | 67·7 | 142·3 | 64·2 | 0·665 | 73 | 111 | E by N | 27 | Nil. | |

## Madras Meteorological Observations. 1886—March.

| March 1886 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·908 | 0·107 | 78·6 | 73·8 | 86·4 | 72·0 | 139·3 | 69·7 | 0·771 | 79 | 147 | SE by S | 7 | ... | Clear. |
| 2 | 29·933 | 0·119 | 79·0 | 73·2 | 90·5 | 71·4 | 145·5 | 67·9 | 0·741 | 75 | 106 | SE by S | 0 | ... | Do. |
| 3 | 29·957 | 0·141 | 78·9 | 73·7 | 86·6 | 71·4 | 140·8 | 68·0 | 0·763 | 77 | 133 | S S E | 13 | ... | Fine. |
| 4 | 29·958 | 0·161 | 78·2 | 73·1 | 86·6 | 70·5 | 142·4 | 68·1 | 0·748 | 78 | 115 | S S E | 5 | ... | Clear. |
| 5 | 29·933 | 0·129 | 78·6 | 73·2 | 87·0 | 69·8 | 142·9 | 67·0 | 0·746 | 76 | 118 | SE by S | 12 | ... | Fine. |
| 6 | 29·920 | 0·170 | 78·6 | 73·3 | 86·4 | 70·0 | 143·5 | 67·6 | 0·750 | 77 | 140 | S S E | 13 | ... | Do. |
| 7 | 29·909 | 0·141 | 79·4 | 73·5 | 87·6 | 71·6 | 141·8 | 68·1 | 0·747 | 74 | 170 | SE by S | 30 | ... | Passing clouds. |
| 8 | 29·936 | 0·127 | 81·9 | 75·0 | 87·4 | 77·7 | 139·1 | 75·2 | 0·776 | 71 | 216 | SE by S | 27 | 0·05 | Fine. |
| 9 | 29·942 | 0·159 | 81·2 | 76·1 | 87·6 | 77·8 | 142·5 | 76·5 | 0·833 | 78 | 172 | S by E | 55 | 0·16 | Passing clouds : th. & lg. S. : rain. |
| 10 | 30·023 | 0·150 | 77·3 | 73·9 | 85·4 | 72·8 | 128·3 | 71·7 | 0·792 | 84 | 92 | S by E | 92 | 0·01 | Overcast. |
| 11 | 30·016 | 0·114 | 80·2 | 74·3 | 89·3 | 73·2 | 142·1 | 70·9 | 0·770 | 74 | 117 | East | 35 | ... | Passing clouds. |
| 12 | 30·010 | 0·133 | 80·3 | 74·2 | 90·0 | 72·8 | 148·7 | 70·1 | 0·765 | 74 | 148 | E by N | 38 | ... | Do. |
| 13 | 29·995 | 0·137 | 80·4 | 75·2 | 89·3 | 72·1 | 147·5 | 69·1 | 0·805 | 77 | 140 | NE by E | 40 | ... | Do. |
| 14 | 29·991 | 0·124 | 80·2 | 74·3 | 89·4 | 70·6 | 148·1 | 69·1 | 0·770 | 74 | 109 | E N E | 40 | ... | Do. |
| 15 | 29·921 | 0·129 | 79·9 | 74·4 | 90·3 | 71·4 | 144·1 | 66·9 | 0·778 | 76 | 88 | E by S | 20 | ... | Fine. |
| 16 | 29·901 | 0·148 | 77·2 | 72·1 | 89·3 | 69·8 | 143·7 | 66·4 | 0·721 | 77 | 77 | E by S | 25 | ... | Passing clouds. |
| 17 | 29·912 | 0·133 | 77·0 | 69·5 | 88·1 | 66·9 | 141·3 | 63·9 | 0·622 | 67 | 73 | E S E | 15 | ... | Fine |
| 18 | 29·927 | 0·138 | 78·8 | 71·4 | 88·4 | 67·0 | 142·1 | 63·7 | 0·670 | 68 | 92 | E S E | 10 | ... | Do. |
| 19 | 29·934 | 0·139 | 80·0 | 73·3 | 88·3 | 70·8 | 143·4 | 73·8 | 0·731 | 72 | 94 | SE by E | 20 | ... | Do. |
| 20 | 29·869 | 0·187 | 80·2 | 75·0 | 89·3 | 71·7 | 142·4 | 69·1 | 0·799 | 78 | 108 | S E | 25 | ... | Passing clouds. |
| 21 | 29·861 | 0·124 | 80·6 | 74·3 | 87·9 | 72·1 | 143·1 | 68·7 | 0·765 | 73 | 150 | S E | 20 | ... | Fine. |
| 22 | 29·854 | 0·135 | 81·3 | 75·5 | 88·8 | 74·0 | 144·5 | 72·6 | 0·805 | 76 | 154 | S E | 35 | ... | Passing clouds. |
| 23 | 29·830 | 0·146 | 81·2 | 75·8 | 90·2 | 74·8 | 144·3 | 71·7 | 0·820 | 77 | 145 | SE by S | 22 | ... | Fine. |
| 24 | 29·813 | 0·152 | 82·0 | 76·8 | 90·8 | 74·0 | 144·8 | 71·4 | 0·853 | 79 | 182 | S S E | 10 | ... | Do. |
| 25 | 29·774 | 0·150 | 84·3 | 78·6 | 95·7 | 78·3 | 148·2 | 76·7 | 0·902 | 77 | 168 | S S E | 18 | ... | Do. |
| 26 | 29·783 | 0·122 | 84·9 | 78·5 | 92·9 | 78·8 | 145·1 | 77·2 | 0·889 | 75 | 203 | S S E | 47 | ... | Passing clouds. |
| 27 | 29·808 | 0·127 | 82·9 | 78·3 | 87·5 | 78·4 | 143·7 | 77·6 | 0·908 | 81 | 207 | S S E | 50 | 0·14 | Passing clouds : rain. |
| 28 | 29·853 | 0·123 | 82·4 | 77·6 | 90·1 | 76·8 | 142·6 | 76·7 | 0·883 | 80 | 199 | S S E | 38 | ... | Passing clouds. |
| 29 | 29·908 | 0·126 | 81·8 | 76·4 | 89·2 | 76·0 | 143·1 | 73·3 | 0·838 | 77 | 188 | SE by S | 40 | ... | Do. |
| 30 | 29·910 | 0·168 | 82·1 | 76·5 | 91·8 | 74·8 | 147·5 | 72·0 | 0·839 | 77 | 158 | S S E | 35 | ... | Do. |
| 31 | 29·859 | 0·142 | 82·3 | 76·6 | 89·3 | 74·8 | 142·5 | 72·0 | 0·840 | 75 | 176 | SE by S | 30 | ... | Do. |
| Mean | 29·908 | 0·139 | 80·4 | 74·8 | 88·9 | 73·0 | 143·2 | 70·7 | 0·788 | 76 | 141 | S E | 28 | 0·36 | |

# Madras Meteorological Observations. 1886—April.

| April 1886 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Sun Max. | Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·860 | 0·153 | 83·2 | 78·2 | 92·1 | 76·2 | 149·5 | 74·9 | 0·899 | 79 | 207 | S S E | 25 | ... | Fine. |
| 2 | 29·846 | 0·144 | 83·8 | 77·9 | 95·5 | 77·9 | 147·6 | 76·5 | 0·877 | 75 | 219 | S S E | 10 | ... | Do. |
| 3 | 29·840 | 0·123 | 83·3 | 78·9 | 92·5 | 77·1 | 142·7 | 75·1 | 0·930 | 83 | 207 | S S E | 20 | ... | Do. |
| 4 | 29·829 | 0·132 | 83·9 | 78·6 | 91·9 | 78·3 | 144·8 | 76·5 | 0·908 | 78 | 215 | SE by S | 5 | ... | Do. |
| 5 | 29·847 | 0·122 | 82·7 | 77·7 | 90·2 | 77·0 | 144·6 | 74·4 | 0·884 | 80 | 175 | SE by S | 15 | ... | Do. |
| 6 | 29·848 | 0·150 | 81·7 | 76·3 | 90·8 | 74·5 | 143·8 | 71·7 | 0·835 | 77 | 153 | S S E | 12 | ... | Do. |
| 7 | 29·858 | 0·122 | 81·2 | 75·4 | 88·8 | 74·6 | 141·8 | 72·7 | 0·803 | 75 | 134 | SE by S | 13 | ... | Do. |
| 8 | 29·821 | 0·149 | 81·7 | 75·0 | 89·2 | 73·8 | 142·2 | 70·8 | 0·779 | 73 | 151 | S S E | 10 | ... | Clear. |
| 9 | 29·842 | 0·150 | 81·6 | 76·0 | 89·2 | 74·1 | 140·9 | 71·7 | 0·824 | 77 | 155 | S S E | 15 | ... | Fine. |
| 10 | 29·792 | 0·144 | 82·3 | 76·8 | 89·4 | 74·1 | 142·7 | 69·4 | 0·849 | 77 | 180 | S S E | 12 | ... | Do. |
| 11 | 29·779 | 0·105 | 83·3 | 78·1 | 92·6 | 76·9 | 146·8 | 74·3 | 0·892 | 78 | 196 | S S E | 43 | ... | Passing clouds. |
| 12 | 29·785 | 0·111 | 83·5 | 78·3 | 91·3 | 76·0 | 145·4 | 73·9 | 0·899 | 79 | 193 | S S E | 15 | ... | Fine. |
| 13 | 29·794 | 0·175 | 83·5 | 76·2 | 91·3 | 76·7 | 144·6 | 74·3 | 0·806 | 70 | 192 | S by E | 33 | ... | Passing clouds. |
| 14 | 29·774 | 0·138 | 82·7 | 77·0 | 91·5 | 73·9 | 146·5 | 71·4 | 0·852 | 76 | 212 | S S E | 30 | ... | Do. |
| 15 | 29·795 | 0·155 | 83·3 | 77·3 | 93·2 | 75·1 | 148·0 | 72·5 | 0·857 | 75 | 189 | S S E | 37 | ... | Do. |
| 16 | 29·819 | 0·144 | 84·7 | 78·5 | 95·2 | 77·0 | 150·3 | 74·6 | 0·892 | 76 | 209 | S S E | 28 | ... | Do. |
| 17 | 29·824 | 0·149 | 85·8 | 79·8 | 95·9 | 80·4 | 149·5 | 79·1 | 0·937 | 76 | 237 | S by E | 2 | ... | Fine. |
| 18 | 29·844 | 0·127 | 85·6 | 81·2 | 93·1 | 80·2 | 142·5 | 79·0 | 1·006 | 82 | 175 | SE by S | 8 | ... | Do. |
| 19 | 29·864 | 0·107 | 85·4 | 79·3 | 93·6 | 79·0 | 144·9 | 76·6 | 0·920 | 76 | 136 | SE by S | 30 | ... | Passing clouds. |
| 20 | 29·855 | 0·124 | 83·9 | 78·0 | 93·2 | 76·9 | 143·1 | 75·2 | 0·880 | 76 | 170 | S S E | 10 | ... | Clear. |
| 21 | 29·868 | 0·092 | 83·6 | 77·6 | 91·4 | 76·5 | 142·5 | 75·0 | 0·867 | 76 | 198 | S S E | 5 | ... | Do. |
| 22 | 29·892 | 0·149 | 83·0 | 76·7 | 90·8 | 75·8 | 141·1 | 72·8 | 0·835 | 74 | 158 | SE by S | 32 | ... | Passing clouds. |
| 23 | 29·927 | 0·121 | 83·2 | 76·9 | 91·6 | 74·8 | 140·9 | 72·4 | 0·841 | 74 | 127 | S E | 33 | ... | Do. |
| 24 | 29·887 | 0·134 | 83·9 | 77·5 | 92·1 | 75·6 | 144·7 | 72·6 | 0·858 | 74 | 171 | S S E | 25 | ... | Do. |
| 25 | 29·852 | 0·117 | 84·5 | 78·5 | 92·5 | 77·0 | 142·7 | 74·6 | 0·895 | 76 | 199 | SE by S | 27 | ... | Do. |
| 26 | 29·851 | 0·120 | 84·5 | 78·3 | 91·7 | 78·0 | 141·5 | 75·7 | 0·886 | 75 | 174 | S S E | 30 | ... | Do. |
| 27 | 29·857 | 0·106 | 84·8 | 78·9 | 92·8 | 78·5 | 145·7 | 76·0 | 0·909 | 76 | 183 | S S E | 30 | ... | Do. |
| 28 | 29·821 | 0·140 | 84·9 | 79·2 | 92·2 | 78·2 | 144·8 | 75·9 | 0·922 | 77 | 167 | SE by S | 28 | ... | Do. |
| 29 | 29·815 | 0·152 | 85·4 | 79·2 | 93·4 | 77·8 | 145·5 | 75·6 | 0·915 | 76 | 170 | SE by S | 35 | ... | Do. |
| 30 | 29·823 | 0·161 | 85·2 | 78·0 | 94·0 | 78·4 | 152·5 | 75·8 | 0·863 | 71 | 143 | E by S | 40 | ... | Do. |
| Mean | 29·837 | 0·134 | 83·7 | 77·8 | 92·1 | 76·7 | 144·9 | 74·4 | 0·878 | 76 | 180 | S S E | 22 | Nil. | |

## Madras Meteorological Observations. 1886—May.

| May 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Points | Inches | |
| 1 | 29·816 | 0·136 | 85·4 | 78·5 | 95·3 | 78·1 | 146·4 | 75·8 | 0·883 | 72 | 116 | East | 40 | ... | Passing clouds. |
| 2 | 29·791 | 0·100 | 84·9 | 79·3 | 94·6 | 79·1 | 153·3 | 76·5 | 0·927 | 77 | 113 | East | 50 | 0·04 | Do. |
| 3 | 29·784 | 0·099 | 87·0 | 78·4 | 94·5 | 79·4 | 146·9 | 76·5 | 0·857 | 67 | 93 | E by S | 30 | ... | Do. |
| 4 | 29·781 | 0·122 | 87·6 | 77·7 | 98·9 | 79·4 | 149·6 | 75·1 | 0·817 | 63 | 156 | NE by E | 40 | ... | Do. |
| 5 | 29·764 | 0·134 | 87·0 | 78·9 | 99·1 | 80·3 | 151·0 | 74·7 | 0·879 | 69 | 113 | S E | 40 | ... | Do. |
| 6 | 29·753 | 0·125 | 88·2 | 82·4 | 99·3 | 82·3 | 147·5 | 75·3 | 1·030 | 78 | 138 | S S E | 45 | ... | Do. |
| 7 | 29·712 | 0·164 | 89·9 | 81·2 | 103·5 | 83·7 | 150·6 | 82·3 | 0·948 | 68 | 210 | South | 35 | ... | Do. |
| 8 | 29·722 | 0·126 | 89·7 | 77·0 | 102·8 | 82·5 | 152·3 | 81·5 | 0·757 | 55 | 178 | W S W | 70 | ... | Cloudy. |
| 9 | 29·676 | 0·129 | 90·3 | 79·5 | 106·5 | 83·2 | 153·6 | 81·8 | 0·862 | 61 | 226 | S by W | 40 | ... | Passing clouds : lg. S. W. |
| 10 | 29·682 | 0·153 | 90·1 | 79·2 | 105·2 | 84·9 | 152·3 | 84·1 | 0·851 | 60 | 243 | S by W | 40 | ... | Passing clouds. |
| 11 | 29·695 | 0·121 | 89·0 | 79·5 | 106·2 | 81·6 | 153·4 | 80·5 | 0·880 | 65 | 238 | South | 20 | ... | Fine. |
| 12 | 29·673 | 0·160 | 89·4 | 80·3 | 103·2 | 83·5 | 151·8 | 80·5 | 0·912 | 66 | 245 | South | 12 | ... | Do. |
| 13 | 29·704 | 0·162 | 88·1 | 81·9 | 93·9 | 84·4 | 145·7 | 80·9 | 1·006 | 76 | 337 | S S E | 30 | ... | Passing clouds. |
| 14 | 29·726 | 0·098 | 79·3 | 74·8 | 93·2 | 69·7 | 144·1 | 68·9 | 0·803 | 80 | 163 | S S E | 75 | 1·69 | Cloudy : thunderstorm 2-30 to 4 A.M. |
| 15 | 29·743 | 0·152 | 84·5 | 78·2 | 94·3 | 78·1 | 141·3 | 75·1 | 0·881 | 74 | 164 | S S E | 30 | ... | Passing clouds. |
| 16 | 29·791 | 0·116 | 85·8 | 80·1 | 90·9 | 81·6 | 143·8 | 80·6 | 0·951 | 78 | 180 | SE by S | 30 | ... | Do. |
| 17 | 29·798 | 0·153 | 85·0 | 79·5 | 91·9 | 79·7 | 142·9 | 79·1 | 0·935 | 77 | 156 | S E by S | 33 | ... | Do. |
| 18 | 29·784 | 0·144 | 86·2 | 79·9 | 94·1 | 79·6 | 146·1 | 77·9 | 0·937 | 74 | 115 | SE by E | 45 | ... | Do. |
| 19 | 29·779 | 0·109 | 85·8 | 79·2 | 92·0 | 80·2 | 142·7 | 77·7 | 0·910 | 74 | 140 | S E | 35 | ... | Do. |
| 20 | 29·786 | 0·128 | 85·5 | 78·2 | 94·1 | 78·6 | 147·3 | 77·1 | 0·868 | 71 | 129 | S E | 40 | ... | Do. |
| 21 | 29·795 | 0·137 | 85·6 | 78·6 | 93·6 | 80·2 | 143·9 | 77·9 | 0·885 | 72 | 102 | SE by E | 40 | ... | Do. |
| 22 | 29·750 | 0·067 | 87·1 | 79·1 | 96·0 | 80·3 | 145·8 | 77·7 | 0·887 | 69 | 149 | E N E | 42 | ... | Do. |
| 23 | 29·639 | 0·111 | 80·7 | 77·9 | 83·2 | 78·4 | 97·9 | 77·5 | 0·919 | 88 | 360 | NE by N | 97 | 1·79 | Stormy : th. : rain. |
| 24 | 29·660 | 0·087 | 79·3 | 77·0 | 85·4 | 77·3 | 131·1 | 75·7 | 0·898 | 90 | 248 | SE by E | 85 | 1·14 | Overcast with showers : lg. |
| 25 | 29·657 | 0·109 | 80·8 | 77·7 | 86·3 | 77·3 | 138·0 | 76·0 | 0·910 | 86 | 189 | S by E | 80 | 0·15 | Cloudy : rain : lg. |
| 26 | 29·714 | 0·108 | 83·2 | 78·5 | 88·4 | 77·6 | 139·5 | 76·7 | 0·913 | 82 | 181 | South | 60 | 0·23 | Passing clouds : rain : lg. |
| 27 | 29·694 | 0·124 | 84·7 | 78·5 | 93·9 | 77·3 | 140·2 | 75·8 | 0·892 | 76 | 147 | S by W | 40 | 0·01 | Passing clouds. |
| 28 | 29·667 | 0·128 | 87·7 | 79·7 | 100·3 | 79·7 | 144·7 | 77·8 | 0·907 | 69 | 175 | S S W | 15 | ... | Fine : lg. |
| 29 | 29·677 | 0·151 | 89·0 | 80·4 | 99·1 | 83·4 | 155·7 | 82·6 | 0·923 | 68 | 173 | S S W | 43 | ... | Passing clouds. |
| 30 | 29·701 | 0·123 | 81·1 | 78·4 | 84·2 | 78·3 | 109·9 | 76·5 | 0·937 | 89 | 130 | S by E | 95 | 0·12 | Cloudy : thunderstorm. |
| 31 | 29·725 | 0·139 | 79·4 | 76·1 | 83·6 | 76·8 | 99·9 | 75·7 | 0·857 | 86 | 88 | SW by W | 95 | 0·61 | Overcast : thunderstorm. |
| Mean | 29·730 | 0·126 | 85·7 | 78·9 | 95·1 | 79·9 | 142·2 | 77·8 | 0·897 | 74 | 174 | SE by S | 47 | 5·78 | |

*Note.*—23rd.—A moderate cyclone moving north-westerly ; strongest between 3 and 4 P.M. when the wind was NE by E and its hourly velocity 24 miles.

# Madras Meteorological Observations. 1886—June.

| June 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·722 | 0·151 | 80·2 | 76·3 | 94·1 | 78·5 | 141·8 | 77·7 | 0·855 | 82 | 107 | S W | 77 | 1·39 | Cloudy: two thunderstorms. |
| 2 | 29·737 | 0·126 | 80·7 | 77·2 | 90·7 | 70·3 | 139·4 | 70·3 | 0·888 | 85 | 143 | SW by S | 68 | 0·04 | Cloudy: th. |
| 3 | 29·743 | 0·084 | 80·7 | 76·8 | 91·8 | 76·6 | 135·0 | 74·8 | 0·870 | 83 | 150 | SW by S | 92 | 0·20 | Overcast: thunderstorm 4-30 P.M. |
| 4 | 29·739 | 0·141 | 80·8 | 76·9 | 88·0 | 76·9 | 121·0 | 76·6 | 0·873 | 83 | 179 | SW by S | 100 | 0 75 | Overcast: thunderstorm 7-30 A.M. |
| 5 | 69·704 | 0·119 | 81·6 | 76·7 | 93·2 | 75·8 | 136·7 | 74·8 | 0·854 | 79 | 168 | SW by S | 48 | 0·38 | Fine day: thunderstorm 7-30 P.M. |
| 6 | 29·705 | 0·137 | 81·4 | 77·3 | 93·1 | 76·2 | 139·4 | 74·3 | 0·883 | 83 | 174 | SW by S | 52 | 0·67 | Passing clouds: th.: lg. & rain. |
| 7 | 29·726 | 0·118 | 81·1 | 76·3 | 93·7 | 76·2 | 136·8 | 74·8 | 0·843 | 79 | 179 | S S W | 58 | 0·01 | Passing clouds: th. |
| 8 | 29·692 | 0·135 | 85·3 | 79·2 | 93·4 | 78·2 | 141·0 | 76·4 | 0·917 | 76 | 205 | SW by S | 52 | 0·39 | Passing cl.: th. storm at 11-30 P.M. |
| 9 | 29·712 | 0·078 | 81·8 | 77·8 | 93·3 | 71·2 | 135·7 | 70·6 | 0·900 | 83 | 193 | S W | 43 | 0·21 | Fine day: rain till 2 A.M. |
| 10 | 29·758 | 0·104 | 83·2 | 79·2 | 92·0 | 77·9 | 135·0 | 76·4 | 0·945 | 83 | 175 | S by W | 35 | ... | Passing clouds. |
| 11 | 29·751 | 0·128 | 84·5 | 79·4 | 93·8 | 78·2 | 140·9 | 76·8 | 0·936 | 79 | 208 | South | 10 | ... | Fine. |
| 12 | 29·699 | 0·172 | 86·0 | 79·5 | 98·9 | 79·7 | 141·5 | 77·8 | 0·920 | 74 | 181 | S S W | 25 | ... | Do. |
| 13 | 29·610 | 0·125 | 87·1 | 79·3 | 98·7 | 81·3 | 141·9 | 80·0 | 0·897 | 69 | 177 | SWbyW | 25 | ... | Fine: lg. |
| 14 | 29·601 | 0·083 | 85·6 | 78·3 | 97·3 | 80·4 | 138·1 | 79·0 | 0·871 | 71 | 200 | W S W | 70 | 1·46 | Cloudy: thunderstorm at 10 P.M. |
| 15 | 29·599 | 0·100 | 82·7 | 76·7 | 93·7 | 76·1 | 142·7 | 74·8 | 0·839 | 75 | 180 | W S W | 62 | 0·03 | Passing clouds: th. |
| 16 | 29·601 | 0·151 | 86·0 | 76·6 | 95·0 | 79·2 | 142·8 | 78·0 | 0·790 | 64 | 272 | SW byW | 47 | ... | Passing clouds. |
| 17 | 29·605 | 0·130 | 86·4 | 76·4 | 94·6 | 79·8 | 134·3 | 77·2 | 0·776 | 62 | 267 | SWby W | 60 | ... | Do. |
| 18 | 29·605 | 0·135 | 86·2 | 78·2 | 96·2 | 80·2 | 146·0 | 76·0 | 0·858 | 68 | 212 | S W | 48 | ... | Do. |
| 19 | 29·671 | 0·103 | 85·2 | 78·0 | 96·7 | 80·5 | 143·4 | 79·2 | 0·863 | 72 | 206 | SWbyW | 57 | 0·06 | Passing clouds: lg. |
| 20 | 29·705 | 0·090 | 82·7 | 77·8 | 86·4 | 78·5 | 100·6 | 78·2 | 0·888 | 79 | 91 | SW | 98 | ... | Cloudy. |
| 21 | 29·724 | 0·096 | 84·1 | 78·9 | 96·1 | 78·8 | 141·6 | 77·6 | 0·918 | 79 | 142 | Var. | 60 | 0·57 | Passing clouds: rain. |
| 22 | 29·745 | 0·149 | 83·3 | 78·1 | 95·5 | 75·4 | 141·2 | 73·6 | 0·893 | 79 | 107 | S by E | 63 | 0·60 | Passing clouds. |
| 23 | 29·751 | 0·114 | 84·7 | 77·8 | 96·1 | 78·7 | 139·6 | 77·2 | 0·863 | 73 | 132 | S S W | 22 | ... | Do. |
| 24 | 29·761 | 0·117 | 85·6 | 78·7 | 97·3 | 80·4 | 142·8 | 78·4 | 0·889 | 73 | 144 | South | 8 | ... | Fine. |
| 25 | 29·757 | 0·146 | 86·2 | 79·7 | 98·5 | 81·4 | 148·5 | 78·2 | 0·927 | 76 | 178 | S by W | 15 | ... | Fine: th. |
| 26 | 29·724 | 0·143 | 83·9 | 78·1 | 93·0 | 80·2 | 128·5 | 78·2 | 0·883 | 75 | 119 | SWby W | 55 | ... | Passing clouds: th. |
| 27 | 29·704 | 0·161 | 86·3 | 79·7 | 98·6 | 81·4 | 150·5 | 79·2 | 0·926 | 74 | 142 | S by W | 30 | ... | Do. : do. |
| 28 | 29·734 | 0·116 | 82·7 | 78·4 | 95·1 | 77·0 | 139·8 | 75·0 | 0·915 | 83 | 132 | S S W | 85 | 0·15 | Cloudy: lg. |
| 29 | 29·698 | 0·147 | 83·1 | 78·8 | 94·1 | 77·3 | 148·0 | 75·9 | 0·928 | 82 | 137 | S S W | 70 | 0·27 | Cloudy: th. |
| 30 | 29·682 | 0·167 | 80·9 | 76·6 | 89·6 | 75·4 | 122·8 | 73·2 | 0·859 | 82 | 110 | SW by S | 92 | 0·49 | Do. : do. |
| Mean | 30·699 | 0·126 | 83·7 | 78·0 | 94·3 | 77·9 | 137·9 | 76·3 | 0·882 | 77 | 167 | SW by S | 54 | 7·67 | |

## Madras Meteorological Observations. 1886—July.

| July 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction. | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·692 | 0·117 | 80·0 | 77·4 | 88·4 | 75·4 | 123·6 | 73·9 | 0·906 | 89 | 133 | SW by S | 90 | 0·27 | Cloudy : rain : lg. |
| 2 | 29·698 | 0·107 | 82·2 | 76·0 | 93·2 | 78·7 | 139·5 | 77·6 | 0·815 | 75 | 139 | S S W | 60 | 0·18 | Fine day : rain : lg. |
| 3 | 29·731 | 0·140 | 80·7 | 77·1 | 88·6 | 74·7 | 131·3 | 74·1 | 0·883 | 85 | 88 | S S W | 70 | 0·93 | Rainy morning : fine day : th. & lg. |
| 4 | 29·756 | 0·112 | 80·0 | 75·5 | 90·9 | 71·8 | 135·6 | 70·1 | 0·824 | 80 | 144 | N N W | 65 | 0·01 | Cloudy day : fine night : lg. S. W. |
| 5 | 29·778 | 0·091 | 82·3 | 77·7 | 91·1 | 75·6 | 139·7 | 74·1 | 0·889 | 81 | 88 | N E | 40 | 0·03 | Passing clouds. |
| 6 | 29·800 | 0·106 | 83·4 | 78·1 | 90·3 | 79·2 | 137·1 | 77·1 | 0·892 | 78 | 98 | S S E | 35 | ... | Cloudy morn. : fine day : th. & lg. W. |
| 7 | 29·798 | 0·095 | 83·7 | 78·5 | 92·7 | 78·2 | 137·9 | 76·8 | 0·906 | 79 | 140 | South | 32 | ... | Passing clouds. |
| 8 | 29·738 | 0·109 | 83·4 | 77·4 | 94·6 | 78·7 | 140·9 | 77·1 | 0·860 | 75 | 129 | S S W | 30 | ... | Passing clouds : th. and lg. W. |
| 9 | 29·694 | 0·141 | 83·9 | 78·2 | 92·1 | 78·2 | 139·7 | 77·1 | 0·889 | 77 | 165 | SW by S | 70 | ... | Passing clouds. |
| 10 | 29·689 | 0·123 | 84·0 | 75·8 | 88·7 | 79·0 | 117·5 | 75·1 | 0·782 | 68 | 145 | S W | 90 | ... | Cloudy. |
| 11 | 29·684 | 0·134 | 83·4 | 75·6 | 92·6 | 78·9 | 146·7 | 76·5 | 0·781 | 68 | 211 | S W | 85 | ... | Do. |
| 12 | 29·664 | 0·117 | 85·3 | 76·9 | 93·5 | 78·3 | 139·2 | 77·1 | 0·812 | 66 | 214 | S W | 65 | ... | Passing clouds : lg. |
| 13 | 29·701 | 0·118 | 82·3 | 75·7 | 90·6 | 78·4 | 121·2 | 78·1 | 0·801 | 73 | 127 | West | 77 | 0·17 | Light rain : th. and lg. |
| 14 | 29·737 | 0·146 | 80·9 | 76·2 | 88·1 | 75·2 | 122·1 | 73·3 | 0·841 | 80 | 73 | W S W | 98 | 0·15 | Overcast. |
| 15 | 29·715 | 0·131 | 82·6 | 76·2 | 92·3 | 77·2 | 131·1 | 75·4 | 0·818 | 73 | 178 | SW by W | 68 | 0·92 | Cloudy : rain : th. and lg. |
| 16 | 29·677 | 0·109 | 83·2 | 76·4 | 94·4 | 76·2 | 138·5 | 74·6 | 0·820 | 72 | 156 | W by S | 65 | ... | Passing clouds : th. and lg. |
| 17 | 29·672 | 0·141 | 83·4 | 76·5 | 93·2 | 78·1 | 134·8 | 74·5 | 0·820 | 72 | 121 | W by N | 77 | ... | Cloudy. |
| 18 | 29·648 | 0·129 | 84·5 | 76·6 | 96·0 | 77·6 | 144·0 | 75·3 | 0·810 | 68 | 160 | N W | 63 | 0·03 | Passing clouds. |
| 19 | 29·660 | 0·138 | 85·7 | 76·3 | 95·7 | 78·1 | 143·8 | 77·3 | 0·781 | 63 | 155 | W by S | 58 | ... | Do. |
| 20 | 29·699 | 0·121 | 86·3 | 77·2 | 93·5 | 79·3 | 133·2 | 77·3 | 0·812 | 65 | 178 | SW by W | 72 | ... | Cloudy. |
| 21 | 29·678 | 0·145 | 85·9 | 76·2 | 91·1 | 80·8 | 126·8 | 79·3 | 0·774 | 63 | 184 | W S W | 65 | ... | Passing clouds |
| 22 | 29·675 | 0·146 | 84·2 | 76·2 | 91·6 | 79·7 | 139·6 | 77·1 | 0·797 | 68 | 191 | SW by W | 80 | 0·01 | Cloudy. |
| 23 | 29·698 | 0·123 | 84·1 | 77·5 | 93·4 | 77·8 | 146·4 | 77·5 | 0·855 | 74 | 188 | SW by S | 80 | ... | Do. |
| 24 | 29·739 | 0·125 | 82·2 | 76·7 | 96·7 | 78·8 | 149·2 | 77·5 | 0·846 | 77 | 160 | S S W | 63 | 0·97 | Cloudy : thunderstorm 7-30 to 8 P.M. |
| 25 | 29·761 | 0·145 | 84·3 | 79·0 | 92·7 | 77·5 | 139·7 | 76·3 | 0·921 | 78 | 116 | S W | 70 | ... | Cloudy. |
| 26 | 29·728 | 0·145 | 84·2 | 77·9 | 90·1 | 79·3 | 116·7 | 77·8 | 0·872 | 74 | 73 | W by S | 87 | 0·87 | Cloudy day : rainy night : th. & lg. N. |
| 27 | 29·716 | 0·141 | 81·3 | 77·7 | 92·6 | 73·5 | 143·7 | 73·3 | 0·902 | 85 | 85 | S W | 73 | 0·47 | Cloudy : thunderstorm. |
| 28 | 29·735 | 0·071 | 78·8 | 76·1 | 91·6 | 73·8 | 144·2 | 72·5 | 0·865 | 89 | 126 | S W | 70 | 0·60 | Showery : thunderstorm 4 to 6 P.M. |
| 29 | 29·750 | 0·077 | 82·1 | 78·0 | 92·1 | 76·6 | 141·2 | 76·3 | 0·905 | 83 | 134 | N by W | 70 | ... | Passing clouds. |
| 30 | 29·788 | 0·070 | 82·9 | 78·5 | 95·9 | 76·7 | 146·2 | 76·3 | 0·916 | 81 | 95 | South | 45 | ... | Do. |
| 31 | 29·762 | 0·149 | 84·4 | 79·2 | 91·3 | 78·8 | 142·6 | 76·9 | 0·929 | 79 | 68 | E by S | 35 | ... | Do. |
| Mean | 29·718 | 0·121 | 83·1 | 77·0 | 92·2 | 77·4 | 136·6 | 75·9 | 0·849 | 75 | 137 | S W | 66 | 5·61 | |

# Madras Meteorological Observations. 1886—August.

| August 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·719 | 0·143 | 81·9 | 77·7 | 88·0 | 77·4 | 120·7 | 76·5 | 0·894 | 83 | 104 | W S W | 77 | ... | Cloudy. |
| 2 | 29·732 | 0·086 | 81·7 | 77·6 | 90·6 | 77·7 | 143·0 | 75·5 | 0·892 | 83 | 85 | W by N | 67 | 0·02 | Passing clouds : th. |
| 3 | 29·764 | 0·066 | 81·0 | 76·7 | 93·1 | 77·2 | 146·1 | 75·5 | 0·862 | 82 | 121 | W by S | 43 | 0·02 | Passing clouds. |
| 4 | 29·765 | 0·113 | 80·4 | 77·3 | 90·5 | 75·8 | 145·6 | 75·3 | 0·898 | 87 | 83 | SW by W | 70 | 0·26 | Passing clouds : rain. |
| 5 | 29·726 | 0·140 | 82·9 | 78·4 | 90·6 | 76·3 | 142·4 | 74·7 | 0·912 | 81 | 66 | S by W | 45 | ... | Passing clouds : th. and lg. |
| 6 | 29·754 | 0·095 | 83·0 | 77·5 | 94·6 | 76·2 | 148·1 | 74·5 | 0·871 | 77 | 154 | SW by S | 37 | ... | Passing clouds. |
| 7 | 29·797 | 0·107 | 82·1 | 77·1 | 91·5 | 75·3 | 149·6 | 74·5 | 0·865 | 79 | 97 | N by E | 45 | ... | Do. |
| 8 | 29·777 | 0·078 | 80·2 | 76·5 | 88·4 | 77·3 | 142·5 | 75·0 | 0·864 | 85 | 81 | S W | 58 | 0·42 | Showery. |
| 9 | 29·737 | 0·091 | 80·1 | 76·0 | 88·7 | 77·1 | 133·0 | 75·5 | 0·843 | 82 | 62 | W by S | 85 | ... | Cloudy. |
| 10 | 29·719 | 0·103 | 80·1 | 76·7 | 88·0 | 76·5 | 113·8 | 74·7 | 0·874 | 85 | 97 | W by N | 92 | 0·01 | Cloudy : th. and lg. |
| 11 | 29·703 | 0·099 | 81·7 | 77·1 | 88·3 | 77·8 | 121·5 | 75·3 | 0·868 | 81 | 93 | W S W | 97 | 0·03 | Cloudy. |
| 12 | 29·686 | 0·147 | 76·4 | 74·2 | 77·7 | 74·7 | 82·5 | 72·7 | 0·817 | 90 | 130 | SW by W | 100 | 0·39 | Overcast with rain. |
| 13 | 29·689 | 0·121 | 82·3 | 77·0 | 92·8 | 73·1 | 139·4 | 71·9 | 0·858 | 78 | 131 | W by S | 60 | 0·36 | Passing clouds : th., lg. and rain. |
| 14 | 29·719 | 0·148 | 80·6 | 75·4 | 89·9 | 76·3 | 130·0 | 75·3 | 0·810 | 78 | 148 | W S W | 90 | 0·12 | Cloudy : th. and lg. |
| 15 | 29·666 | 0·133 | 82·2 | 76·1 | 89·5 | 75·3 | 138·2 | 74·0 | 0·819 | 75 | 189 | SW by W | 85 | ... | Cloudy : lg. |
| 16 | 29·684 | 0·109 | 81·8 | 75·7 | 88·7 | 78·4 | 123·1 | 75·9 | 0·810 | 75 | 196 | SW by W | 92 | 0·09 | Cloudy : th. and lg. |
| 17 | 29·725 | 0·104 | 82·3 | 76·1 | 91·3 | 76·1 | 141·3 | 74·6 | 0·818 | 75 | 168 | W S W | 80 | 0·14 | Cloudy : rain. |
| 18 | 29·684 | 0·106 | 81·4 | 75·6 | 89·4 | 78·1 | 148·1 | 76·6 | 0·809 | 76 | 170 | SW by W | 98 | 0·11 | Do. : do. |
| 19 | 29·658 | 0·154 | 83·5 | 75·6 | 92·1 | 78·8 | 143·3 | 75·4 | 0·782 | 68 | 216 | W S W | 60 | ... | Passing clouds : lg. |
| 20 | 29·685 | 0·129 | 83·1 | 75·4 | 92·2 | 77·6 | 149·1 | 75·2 | 0·777 | 69 | 164 | SW by W | 55 | ... | Passing clouds. |
| 21 | 29·740 | 0·084 | 82·7 | 76·6 | 94·8 | 79·1 | 151·1 | 78·1 | 0·834 | 75 | 139 | SW by W | 50 | 0·02 | Do. |
| 22 | 29·779 | 0·101 | 83·6 | 77·0 | 92·8 | 80·6 | 140·6 | 76·6 | 0·840 | 73 | 104 | S by W | 75 | ... | Cloudy. |
| 23 | 29·813 | 0·098 | 83·7 | 78·4 | 95·1 | 78·4 | 153·3 | 76·0 | 0·902 | 78 | 113 | S by E | 47 | ... | Passing clouds. |
| 24 | 29·814 | 0·138 | 84·5 | 77·0 | 92·6 | 80·3 | 145·6 | 78·3 | 0·828 | 70 | 123 | South | 55 | ... | Do. |
| 25 | 29·790 | 0·132 | 83·7 | 75·6 | 91·4 | 79·6 | 137·1 | 78·4 | 0·779 | 68 | 148 | S W | 75 | ... | Cloudy : th. and lg. |
| 26 | 29·771 | 0·132 | 84·0 | 76·8 | 93·8 | 77·4 | 151·3 | 74·6 | 0·826 | 72 | 151 | S S W | 65 | ... | Passing clouds. |
| 27 | 29·768 | 0·122 | 84·7 | 76·5 | 93·7 | 78·8 | 141·3 | 76·6 | 0·802 | 67 | 164 | SW by W | 53 | 0·25 | Passing clouds : lg. : rain. |
| 28 | 29·729 | 0·150 | 80·4 | 76·5 | 91·3 | 72·7 | 140·3 | 71·6 | 0·861 | 83 | 154 | SW by W | 85 | 0·33 | Cloudy : th. and lg. : rain. |
| 29 | 29·708 | 0·109 | 84·0 | 78·3 | 94·4 | 77·7 | 142·1 | 76·1 | 0·892 | 77 | 107 | SW by S | 37 | ... | Passing clouds : lg. |
| 30 | 29·718 | 0·142 | 85·0 | 79·3 | 94·8 | 78·6 | 148·5 | 77·1 | 0·925 | 77 | 138 | S by W | 42 | ... | Passing clouds. |
| 31 | 29·715 | 0·109 | 85·0 | 77·7 | 95·7 | 78·3 | 150·1 | 76·6 | 0·853 | 71 | 156 | S by E | 28 | ... | Passing clouds : lg. |
| Mean | 29·733 | 0·116 | 82·3 | 76·8 | 91·2 | 77·2 | 138·8 | 75·4 | 0·848 | 77 | 131 | S W | 66 | 2·57 | |

## Madras Meteorological Observations. 1886— September.

| September 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Cents | Cents | Inches | |
| 1 | 29·722 | 0·108 | 84·0 | 77·0 | 92·2 | 77·1 | 138·2 | 75·4 | 0·834 | 72 | 122 | West | 50 | ... | Passing clouds. |
| 2 | 29·730 | 0·123 | 80·6 | 75·0 | 87·6 | 76·6 | 120·0 | 75·8 | 0·794 | 76 | 99 | W N W | 70 | ... | Do. |
| 3 | 29·784 | 0·089 | 82·3 | 76·8 | 91·2 | 76·5 | 149·0 | 72·6 | 0·849 | 77 | 54 | S by W | 30 | 0·01 | Do. |
| 4 | 29·812 | 0·131 | 83·9 | 78·4 | 94·1 | 76·6 | 150·7 | 74·6 | 0·899 | 77 | 87 | S E | 40 | ... | Do. |
| 5 | 29·819 | 0·123 | 83·8 | 78·0 | 92·4 | 76·3 | 147·8 | 73·4 | 0·882 | 76 | 101 | S E by S | 25 | ... | Do. |
| 6 | 29·809 | 0·131 | 82·9 | 76·9 | 90·1 | 80·4 | 147·0 | 75·5 | 0·845 | 75 | 148 | S by E | 57 | 0·07 | Do. |
| 7 | 29·768 | 0·150 | 82·5 | 77·6 | 93·7 | 76·5 | 151·0 | 75·4 | 0·882 | 79 | 178 | S S W | 50 | 0·01 | Passing clouds : th. and lg. |
| 8 | 29·784 | 0·113 | 80·8 | 76·1 | 95·2 | 76·8 | 150·2 | 75·7 | 0·838 | 80 | 138 | W S W | 65 | 0·06 | Do. : do. |
| 9 | 29·784 | 0·131 | 82·4 | 77·4 | 90·8 | 76·1 | 124·7 | 75·9 | 0·874 | 79 | 137 | S W | 85 | ... | Cloudy : th and lg. |
| 10 | 29·776 | 0·115 | 83·9 | 77·3 | 94·8 | 77·3 | 144·0 | 75·8 | 0·849 | 73 | 162 | W S W | 60 | ... | Passing clouds. |
| 11 | 29·771 | 0·125 | 84·8 | 77·2 | 94·2 | 76·6 | 140·8 | 75·4 | 0·833 | 70 | 167 | West | 58 | ... | Do. |
| 12 | 29·757 | 0·144 | 84·9 | 76·8 | 98·8 | 77·3 | 154·3 | 75·7 | 0·813 | 68 | 200 | S S W | 27 | ... | Do. |
| 13 | 29·776 | 0·115 | 84·7 | 76·5 | 96·8 | 77·3 | 149·8 | 76·4 | 0·803 | 68 | 166 | SW by S | 45 | ... | Do. |
| 14 | 29·785 | 0·127 | 88·0 | 77·3 | 98·1 | 79·3 | 149·2 | 78·0 | 0·793 | 60 | 194 | S W | 50 | ... | Do. |
| 15 | 29·790 | 0·135 | 85·3 | 76·6 | 96·1 | 79·5 | 151·4 | 78·4 | 0·799 | 66 | 158 | West | 50 | ... | Do. |
| 16 | 29·746 | 0·162 | 85·1 | 77·2 | 98·2 | 78·6 | 156·6 | 76·5 | 0·828 | 69 | 156 | South | 32 | 0·09 | Do. |
| 17 | 29·733 | 0·128 | 87·3 | 76·4 | 96·5 | 79·4 | 148·8 | 74·5 | 0·763 | 59 | 158 | S W | 40 | ... | Do. |
| 18 | 29·762 | 0·154 | 86·5 | 77·8 | 99·4 | 79·4 | 156·9 | 77·1 | 0·836 | 66 | 143 | S by W | 40 | ... | Do. |
| 19 | 29·765 | 0·138 | 85·5 | 77·3 | 96·3 | 79·4 | 156·3 | 77·5 | 0·827 | 68 | 117 | S by E | 45 | ... | Do. |
| 20 | 29·793 | 0·112 | 83·7 | 77·3 | 95·2 | 78·4 | 148·1 | 76·1 | 0·851 | 73 | 133 | S W | 53 | ... | Passing clouds : th. and lg. |
| 21 | 29·808 | 0·144 | 83·7 | 77·8 | 96·6 | 78·6 | 153·6 | 76·8 | 0·874 | 75 | 109 | SWbyW | 42 | ... | Do. : do. |
| 22 | 29·799 | 0·175 | 84·5 | 78·3 | 97·6 | 76·9 | 152·4 | 75·6 | 0·886 | 75 | 162 | S by W | 25 | ... | Passing clouds : lg. |
| 23 | 29·773 | 0·153 | 85·6 | 79·0 | 95·3 | 79·0 | 149·7 | 77·8 | 0·903 | 74 | 192 | S by W | 15 | ... | Fine. |
| 24 | 29·771 | 0·144 | 86·0 | 79·0 | 96·6 | 79·4 | 147·9 | 78·2 | 0·898 | 72 | 201 | S by W | 15 | ... | Do. |
| 25 | 29·791 | 0·122 | 83·9 | 76·9 | 97·2 | 74·5 | 151·3 | 74·5 | 0·831 | 72 | 156 | S W | 20 | ... | Fine : lg. |
| 26 | 29·786 | 0·117 | 84·6 | 77·7 | 97·2 | 77·4 | 153·1 | 76·5 | 0·857 | 72 | 157 | South | 20 | ... | Fine. |
| 27 | 29·771 | 0·113 | 84·5 | 77·5 | 94·5 | 77·5 | 149·3 | 76·5 | 0·850 | 72 | 122 | W N W | 60 | ... | Passing clouds. |
| 28 | 29·757 | 0·135 | 80·0 | 77·0 | 88·6 | 77·5 | 137·1 | 72·5 | 0·889 | 87 | 77 | W by N | 80 | 0·43 | Light thunderstorm before sunrise. |
| 29 | 29·701 | 0·115 | 82·1 | 78·0 | 85·4 | 77·4 | 101·1 | 75·8 | 0·905 | 83 | 92 | S W | 91 | ... | Cloudy. |
| 30 | 29·702 | 0·136 | 82·7 | 77·2 | 95·0 | 76·4 | 145·9 | 74·7 | 0·861 | 77 | 124 | S S W | 60 | 0·18 | Passing clouds : th. and lg. |
| Mean | 29·771 | 0·130 | 84·0 | 77·3 | 94·5 | 77·7 | 145·9 | 75·8 | 0·848 | 73 | 140 | SW by S | 47 | 0·85 | |

# Madras Meteorological Observations. 1886—October.

| October 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | " | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·738 | 0·154 | 84·0 | 77·1 | 93·8 | 76·4 | 146·3 | 74·4 | 0·838 | 72 | 111 | S S W | 65 | 2·88 | Cloudy: thunderstorm. |
| 2 | 29·768 | 0·116 | 81·1 | 75·7 | 91·8 | 72·5 | 150·7 | 71·4 | 0·817 | 77 | 99 | N N W | 70 | 0·42 | Cloudy: rain: lg. |
| 3 | 29·803 | 0·119 | 78·3 | 75·3 | 84·9 | 73·9 | 101·3 | 73·8 | 0·838 | 86 | 31 | W by N | 100 | 1·02 | Thunderstorm 3-30 A.M.: overcast. |
| 4 | 29·822 | 0·132 | 81·8 | 77·2 | 87·3 | 77·2 | 136·8 | 75·3 | 0·874 | 81 | 51 | W by N | 82 | 0·02 | Nearly overcast. |
| 5 | 29·863 | 0·103 | 77·1 | 74·9 | 82·4 | 72·0 | 108·9 | 70·3 | 0·837 | 90 | 85 | W by N | 98 | 0·69 | Thunderstorm about 6 A.M. |
| 6 | 29·852 | 0·161 | 80·1 | 75·7 | 85·1 | 74·4 | 113·9 | 72·8 | 0·830 | 80 | 96 | West | 95 | 0·06 | Overcast. |
| 7 | 29·866 | 0·114 | 81·5 | 76·5 | 87·7 | 78·2 | 123·7 | 75·7 | 0·847 | 79 | 100 | SWbyW | 97 | 0·10 | Cloudy: rain. |
| 8 | 29·797 | 0·165 | 82·3 | 77·0 | 90·8 | 75·9 | 139·3 | 74·3 | 0·858 | 80 | 86 | W by N | 78 | 0·07 | Cloudy: th. and lg. |
| 9 | 29·767 | 0·162 | 81·5 | 77·0 | 89·5 | 76·4 | 112·2 | 74·3 | 0·868 | 81 | 114 | W by S | 90 | ... | Cloudy. |
| 10 | 29·733 | 0·150 | 81·1 | 77·2 | 91·7 | 75·9 | 141·1 | 74·5 | 0·882 | 83 | 115 | W by N | 80 | 0·14 | Cloudy: rain. |
| 11 | 29·720 | 0·125 | 80·2 | 75·8 | 88·2 | 75·9 | 143·1 | 73·9 | 0·833 | 80 | 133 | W by N | 67 | 0·33 | Do. : do |
| 12 | 29·725 | 0·107 | 78·3 | 74·0 | 81·9 | 74·2 | 111·4 | 73·1 | 0·783 | 80 | 182 | West | 92 | 0·02 | Cloudy. |
| 13 | 29·732 | 0·124 | 81·0 | 76·6 | 89·4 | 75·7 | 140·3 | 74·5 | 0·857 | 81 | 98 | W N W | 63 | ... | Passing clouds. |
| 14 | 29·769 | 0·105 | 80·2 | 78·1 | 88·8 | 76·5 | 141·9 | 74·3 | 0·935 | 91 | 42 | NE by N | 90 | 0·21 | Cloudy: rain. |
| 15 | 29·802 | 0·120 | 79·2 | 76·0 | 82·9 | 77·7 | 107·7 | 75·0 | 0·856 | 86 | 66 | NE by E | 78 | 0·01 | Cloudy. |
| 16 | 29·800 | 0·152 | 80·8 | 75·1 | 90·4 | 73·7 | 154·2 | 72·4 | 0·796 | 76 | 49 | South | 72 | ... | Passing clouds. |
| 17 | 29·803 | 0·082 | 80·7 | 77·2 | 90·5 | 76·4 | 147·7 | 74·4 | 0·888 | 85 | 36 | NE by E | 65 | ... | Do. |
| 18 | 29·777 | 0·145 | 81·9 | 77·6 | 90·9 | 74·4 | 143·4 | 72·9 | 0·890 | 82 | 114 | NWbyW | 40 | ... | Do. |
| 19 | 29·746 | 0·121 | 83·5 | 77·8 | 93·4 | 76·6 | 140·2 | 74·4 | 0·877 | 77 | 115 | S S W | 30 | ... | Do. |
| 20 | 29·839 | 0·135 | 81·4 | 77·4 | 90·9 | 77·2 | 137·4 | 74·4 | 0·887 | 83 | 117 | S by E | 43 | ... | Do. |
| 21 | 29·851 | 0·130 | 82·8 | 77·8 | 90·5 | 76·5 | 146·3 | 73·7 | 0·887 | 79 | 56 | S by E | 45 | ... | Do. |
| 22 | 29·838 | 0·147 | 80·6 | 76·9 | 87·1 | 77·9 | 127·4 | 76·6 | 0·876 | 84 | 48 | E S E | 70 | ... | Do. |
| 23 | 29·879 | 0·109 | 82·0 | 77·3 | 89·6 | 75·4 | 140·3 | 73·2 | 0·875 | 80 | 72 | East | 32 | ... | Do. |
| 24 | 29·924 | 0·129 | 80·9 | 77·6 | 88·5 | 75·4 | 141·1 | 74·0 | 0·904 | 86 | 52 | E S E | 50 | 0·29 | Passing clouds: rain. |
| 25 | 29·831 | 0·160 | 81·5 | 77·7 | 90·1 | 75·1 | 149·3 | 72·6 | 0·900 | 83 | 65 | NE by N | 38 | 0·01 | Passing clouds. |
| 26 | 29·774 | 0·163 | 81·4 | 76·9 | 89·5 | 75·4 | 132·1 | 72·6 | 0·865 | 81 | 53 | N N E | 40 | ... | Do. |
| 27 | 29·847 | 0·094 | 80·8 | 77·3 | 88·7 | 74·9 | 150·1 | 72·4 | 0·891 | 85 | 48 | E S E | 57 | 0·09 | Do. |
| 28 | 29·908 | 0·120 | 80·3 | 76·4 | 86·4 | 73·0 | 129·1 | 72·4 | 0·860 | 82 | 89 | NE by N | 53 | 0·77 | Thunderstorm 2-30 to 4 A.M. |
| 29 | 29·912 | 0·120 | 78·4 | 76·8 | 83·5 | 75·5 | 123·7 | 73·9 | 0·901 | 93 | 44 | North | 90 | 0·83 | Cloudy: lg.: rain. |
| 30 | 29·861 | 0·151 | 81·0 | 77·7 | 89·5 | 75·4 | 147·6 | 74·4 | 0·907 | 86 | 93 | N N E | 57 | 0·18 | Passing clouds: rain. |
| 31 | 29·862 | 0·151 | 80·2 | 77·0 | 87·8 | 73·8 | 141·4 | 73·0 | 0·886 | 86 | 76 | NE by N | 75 | 1·95 | Heavy thunderstorm before 1 A.M. |
| Mean | 29·813 | 0·131 | 80·8 | 76·7 | 88·5 | 75·5 | 134·5 | 73·7 | 0·866 | 82 | 82 | N by W | 68 | 10·09 | |

# Madras Meteorological Observations. 1886—November.

| November 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·882 | 0·108 | 81·4 | 77·5 | 88·9 | 74·8 | 143·0 | 65·1 | 0·892 | 83 | 123 | N E | 60 | 0·16 | Passing clouds. |
| 2 | 29·884 | 0·147 | 78·6 | 75·8 | 87·8 | 73·6 | 146·4 | 73·4 | 0·855 | 88 | 105 | N E by N | 73 | 1·38 | Cloudy : rain. |
| 3 | 29·883 | 0·121 | 79·6 | 75·0 | 89·2 | 72·6 | 145·6 | 71·3 | 0·808 | 80 | 204 | N E | 88 | 1·12 | Cloudy : th. and lg. : rain. |
| 4 | 29·912 | 0·109 | 74·4 | 72·9 | 83·7 | 72·2 | 136·4 | 71·6 | 0·791 | 93 | 142 | N by E | 100 | 2·67 | Overcast : th. and lg. : rain. |
| 5 | 29·842 | 0·119 | 79·0 | 75·8 | 86·6 | 74·2 | 135·0 | 73·5 | 0·850 | 86 | 225 | N by E | 70 | 0·34 | Cloudy : th. and lg. : rain. |
| 6 | 29·816 | 0·112 | 78·1 | 73·7 | 83·7 | 73·3 | 138·3 | 71·2 | 0·773 | 80 | 199 | North | 47 | ... | Passing clouds. |
| 7 | 29·804 | 0·215 | 73·0 | 70·3 | 75·2 | 69·8 | 81·0 | 66·8 | 0·707 | 87 | 182 | N W by N | 100 | 0·50 | Overcast : th. and lg. : rain. |
| 8 | 29·665 | 0·116 | 76·1 | 73·0 | 80·6 | 73·7 | 117·2 | 71·8 | 0·772 | 86 | 285 | N W by N | 100 | 0·53 | Do. : do. : do. |
| 9 | 29·508 | 0·036 | 73·5 | 71·0 | 74·2 | 71·4 | 81·0 | 69·6 | 0·725 | 88 | 579 | S W by W | 100 | 2·90 | Cyclone. |
| 10 | 29·825 | 0·087 | 78·8 | 74·7 | 85·8 | 72·5 | 140·7 | 71·6 | 0·806 | 82 | 204 | S by E | 43 | 0·40 | Passing clouds : rain. |
| 11 | 29·916 | 0·099 | 78·2 | 73·4 | 85·4 | 73·0 | 141·2 | 70·2 | 0·760 | 79 | 86 | S S E | 40 | 0·01 | Passing clouds. |
| 12 | 29·958 | 0·148 | 79·8 | 75·1 | 86·5 | 73·1 | 144·2 | 71·6 | 0·809 | 79 | 81 | E S E | 30 | ... | Do. |
| 13 | 29·973 | 0·126 | 79·6 | 75·6 | 88·2 | 72·9 | 147·8 | 70·0 | 0·833 | 82 | 58 | N E | 25 | ... | Fine. |
| 14 | 29·988 | 0·119 | 79·8 | 75·2 | 88·9 | 74·1 | 143·0 | 71·0 | 0·814 | 80 | 81 | N N E | 17 | ... | Do. |
| 15 | 29·970 | 0·134 | 77·7 | 74·8 | 86·3 | 74·5 | 147·0 | 71·9 | 0·824 | 86 | 72 | N E | 65 | 0·23 | Passing clouds : rain. |
| 16 | 29·942 | 0·144 | 77·7 | 72·5 | 85·7 | 73·3 | 145·6 | 69·8 | 0·733 | 78 | 115 | N N E | 55 | ... | Passing clouds |
| 17 | 29·931 | 0·125 | 75·2 | 68·1 | 84·5 | 68·3 | 144·7 | 64·6 | 0·593 | 68 | 54 | N by W | 55 | ... | Do. |
| 18 | 29·907 | 0·110 | 74·2 | 67·6 | 84·6 | 66·4 | 135·9 | 62·6 | 0·589 | 70 | 34 | N N W | 42 | ... | Do. |
| 19 | 29·895 | 0·129 | 76·6 | 70·1 | 86·7 | 65·6 | 140·0 | 61·0 | 0·650 | 71 | 121 | North | 8 | ... | Fine. |
| 20 | 29·942 | 0·120 | 77·7 | 72·2 | 86·0 | 69·3 | 144·8 | 65·8 | 0·715 | 75 | 148 | N N E | 35 | ... | Passing clouds. |
| 21 | 29·959 | 0·130 | 77·3 | 72·3 | 86·5 | 70·1 | 141·8 | 65·6 | 0·727 | 77 | 112 | N N E | 25 | ... | Do. |
| 22 | 29·952 | 0·120 | 76·5 | 70·9 | 85·3 | 69·7 | 141·2 | 65·8 | 0·681 | 75 | 112 | N by E | 25 | ... | Fine. |
| 23 | 29·918 | 0·152 | 77·5 | 70·8 | 88·2 | 69·1 | 140·6 | 65·8 | 0·665 | 71 | 77 | North | 15 | ... | Do. |
| 24 | 29·922 | 0·144 | 78·1 | 73·4 | 87·9 | 71·8 | 144·8 | 68·6 | 0·761 | 80 | 83 | E S E | 20 | ... | Do. |
| 25 | 29·931 | 0·131 | 79·8 | 75·0 | 86·8 | 71·8 | 143·2 | 68·6 | 0·805 | 79 | 140 | East | 50 | 0·02 | Passing clouds. |
| 26 | 29·958 | 0·136 | 80·7 | 74·5 | 88·3 | 74·0 | 145·1 | 71·6 | 0·772 | 74 | 164 | N E by E | 35 | ... | Do. |
| 27 | 29·939 | 0·110 | 79·7 | 73·9 | 87·8 | 74·1 | 145·5 | 71·6 | 0·760 | 75 | 124 | N E | 35 | ... | Do. |
| 28 | 29·940 | 0·125 | 78·5 | 73·9 | 87·5 | 71·6 | 146·5 | 68·3 | 0·777 | 80 | 154 | N E by N | 35 | ... | Do. |
| 29 | 29·925 | 0·131 | 80·2 | 74·4 | 87·5 | 73·8 | 139·8 | 71·4 | 0·775 | 75 | 232 | N N E | 45 | ... | Do. |
| 30 | 29·938 | 0·101 | 77·0 | 73·8 | 82·6 | 75·8 | 133·0 | 73·6 | 0·792 | 86 | 264 | N N E | 80 | 0·82 | Cloudy : rain. |
| Mean | 29·894 | 0·123 | 77·8 | 73·2 | 85·6 | 72·0 | 137·3 | 69·2 | 0·760 | 80 | 152 | N E by N | 51 | 11·08 | |

*Note.*—9th.—This cyclone was one of considerable severity. The centre struck the coast about 50 miles N. of Madras and the storm crossed the Peninsula and the Arabian Sea. The lowest barometric pressure at Madras was 29·251 (reduced) at 1 P.M., and the maximum wind velocity was 45 miles per hour. For an account of the storm, see *Indian Meteorological Memoirs*, Vol. IV., Part IV.

# Madras Meteorological Observations. 1886—December.

| December 1886 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·927 | 0·108 | 75·5 | 71·5 | 83·9 | 73·5 | 142·0 | 72·0 | 0·719 | 82 | 214 | N by E | 60 | ... | Passing clouds. |
| 2 | 29·940 | 0·096 | 74·0 | 69·1 | 82·6 | 67·5 | 142·0 | 65·1 | 0·647 | 76 | 185 | North | 55 | 0·04 | Do. |
| 3 | 29·957 | 0·116 | 73·7 | 72·0 | 79·5 | 70·8 | 122·7 | 69·6 | 0·763 | 92 | 142 | North | 90 | 2·23 | Cloudy and rainy. |
| 4 | 29·960 | 0·125 | 78·1 | 74·4 | 84·5 | 71·6 | 137·0 | 71·3 | 0·803 | 83 | 239 | N by E | 55 | 0·10 | Passing clouds : rain. |
| 5 | 29·961 | 0·100 | 77·7 | 72·9 | 82·3 | 76·3 | 136·8 | 74·1 | 0·746 | 79 | 323 | N N E | 65 | 0·02 | Passing clouds. |
| 6 | 29·944 | 0·136 | 74·9 | 69·9 | 82·5 | 70·3 | 140·2 | 68·4 | 0·666 | 77 | 233 | North | 70 | ... | Do. |
| 7 | 29·932 | 0·144 | 71·7 | 66·1 | 78·5 | 68·5 | 137·6 | 67·2 | 0·568 | 73 | 198 | N by W | 87 | ... | Cloudy. |
| 8 | 29·839 | 0·168 | 73·4 | 66·5 | 78·6 | 67·3 | 136·4 | 64·3 | 0·560 | 68 | 303 | N by W | 75 | ... | Do. |
| 9 | 29·668 | 0·138 | 68·4 | 67·4 | 75·6 | 61·3 | 80·7 | 59·3 | 0·659 | 95 | 422 | N N W | 100 | 0·70 | Overcast with rain. |
| 10 | 29·905 | 0·103 | 73·8 | 70·5 | 78·8 | 67·7 | 126·4 | 67·3 | 0·704 | 85 | 155 | South | 75 | ... | Cloudy. |
| 11 | 29·948 | 0·106 | 75·5 | 72·3 | 84·2 | 69·9 | 140·6 | 67·3 | 0·751 | 85 | 63 | S E | 32 | ... | Passing clouds. |
| 12 | 29·944 | 0·119 | 75·4 | 71·7 | 84·9 | 68·5 | 141·3 | 65·3 | 0·728 | 83 | 55 | E by N | 25 | ... | Fine. |
| 13 | 29·958 | 0·116 | 77·2 | 74·3 | 86·0 | 71·3 | 140·0 | 68·8 | 0·810 | 86 | 110 | N E | 45 | 0·01 | Passing clouds. |
| 14 | 29·985 | 0·135 | 77·4 | 74·4 | 87·5 | 72·6 | 141·0 | 70·1 | 0·812 | 86 | 50 | E S E | 40 | ... | Do. |
| 15 | 29·980 | 0·146 | 77·8 | 74·2 | 86·0 | 71·9 | 138·1 | 69·5 | 0·799 | 84 | 57 | E S E | 28 | ... | Do. |
| 16 | 29·997 | 0·111 | 77·9 | 74·3 | 87·1 | 72·3 | 141·9 | 69·4 | 0·801 | 84 | 119 | NE by E | 40 | ... | Do. |
| 17 | 30·029 | 0·110 | 77·7 | 73·0 | 86·2 | 71·5 | 142·3 | 68·4 | 0·750 | 79 | 131 | N E | 35 | ... | Do. |
| 18 | 30·039 | 0·126 | 76·1 | 72·3 | 84·4 | 70·5 | 139·3 | 67·1 | 0·743 | 83 | 198 | NE by N | 45 | 0·07 | Do. |
| 19 | 30·073 | 0·119 | 76·0 | 69·1 | 82·5 | 73·6 | 138·1 | 69·9 | 0·620 | 69 | 269 | NE by N | 35 | ... | Do. |
| 20 | 30·033 | 0·122 | 76·0 | 68·4 | 81·6 | 69·7 | 141·9 | 65·7 | 0·594 | 66 | 136 | N N E | 40 | ... | Do. |
| 21 | 30·021 | 0·142 | 74·8 | 69·1 | 82·9 | 69·4 | 139·5 | 68·0 | 0·636 | 74 | 118 | NE by N | 55 | ... | Do. |
| 22 | 30·030 | 0·140 | 73·0 | 70·2 | 83·2 | 67·1 | 139·9 | 62·6 | 0·702 | 87 | 108 | N N E | 40 | ... | Do. |
| 23 | 30·021 | 0·135 | 75·1 | 69·8 | 84·6 | 69·6 | 142·1 | 65·4 | 0·659 | 75 | 91 | NE by N | 50 | ... | Do. |
| 24 | 30·017 | 0·118 | 74·3 | 69·3 | 83·4 | 66·8 | 140·1 | 62·6 | 0·651 | 76 | 128 | N N E | 45 | ... | Do. |
| 25 | 30·045 | 0·103 | 76·6 | 70·8 | 84·4 | 69·1 | 142·1 | 65·4 | 0·677 | 74 | 155 | N E | 40 | 0·01 | Do. |
| 26 | 30·075 | 0·119 | 77·9 | 70·9 | 84·0 | 73·6 | 142·3 | 70·2 | 0·664 | 70 | 238 | N E | 30 | ... | Do. |
| 27 | 30·062 | 0·131 | 75·8 | 70·6 | 84·0 | 67·5 | 141·1 | 64·4 | 0·680 | 76 | 206 | NE by N | 42 | ... | Do. |
| 28 | 30·008 | 0·127 | 74·0 | 70·4 | 82·7 | 70·2 | 139·0 | 69·4 | 0·697 | 83 | 183 | N N E | 60 | 0·07 | Do. |
| 29 | 29·983 | 0·121 | 73·5 | 70·7 | 82·0 | 68·6 | 123·5 | 65·4 | 0·715 | 86 | 135 | N N E | 42 | ... | Do. |
| 30 | 29·993 | 0·114 | 74·8 | 71·6 | 84·2 | 68·4 | 143·6 | 65·0 | 0·733 | 85 | 146 | N E | 45 | ... | Do. |
| 31 | 30·005 | 0·105 | 75·6 | 70·9 | 84·0 | 69·1 | 141·1 | 65·9 | 0·695 | 78 | 165 | NE by E | 58 | ... | Do. |
| Mean | 29·977 | 0·123 | 75·3 | 70·9 | 83·1 | 69·9 | 136·8 | 67·2 | 0·702 | 80 | 170 | N E | 52 | 3·25 | |

*Note.*—9th.—A small cyclonic storm passed northward of Madras. The greatest force of the wind was between 9 and 10 A.M., but was then only 26 miles an hour from N. by W. The lowest (reduced) reading of the barometer was 29·584 inches at 4 P.M.

## Madras Mean Monthly and Annual Meteorological Results in 1886.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·993 | 0·124 | 74·5 | 83·7 | 67·4 | 16·3 | 69·3 | 65·8 | 0·647 | 76 | 138·7 | 63·3 | 130 | 5 | N E by E | 0·52 | 1 | 59 |
| February | 29·979 | 0·134 | 76·6 | 86·6 | 67·7 | 18·9 | 70·4 | 66·3 | 0·665 | 73 | 142·3 | 64·2 | 111 | 7 | E by N | ... | ... | 73 |
| March | 29·908 | 0·139 | 80·4 | 88·9 | 73·0 | 15·9 | 74·8 | 71·6 | 0·788 | 76 | 143·2 | 70·7 | 141 | 12 | S E | 0·36 | 4 | 72 |
| April | 29·837 | 0·134 | 83·7 | 92·1 | 76·7 | 15·4 | 77·8 | 75·1 | 0·878 | 76 | 144·9 | 74·4 | 180 | 14 | S S E | ... | ... | 78 |
| May | 29·730 | 0·126 | 85·7 | 95·1 | 79·9 | 15·2 | 78·9 | 76·1 | 0·897 | 74 | 142·2 | 77·8 | 174 | 13 | S E by S | 5·78 | 9 | 53 |
| June | 29·699 | 0·126 | 83·7 | 94·3 | 77·9 | 16·4 | 78·0 | 75·0 | 0·882 | 77 | 137·9 | 76·3 | 167 | 19 | SW by S | 7·67 | 17 | 46 |
| July | 29·718 | 0·121 | 83·1 | 92·2 | 77·4 | 14·8 | 77·0 | 74·0 | 0·849 | 75 | 136·6 | 75·9 | 137 | 20 | S W | 5·61 | 14 | 34 |
| August | 29·733 | 0·116 | 82·3 | 91·2 | 77·2 | 14·0 | 76·8 | 74·4 | 0·848 | 77 | 138·8 | 75·4 | 131 | 20 | S W | 2·57 | 15 | 34 |
| September | 29·771 | 0·130 | 84·0 | 94·5 | 77·7 | 16·8 | 77·3 | 74·4 | 0·848 | 73 | 145·9 | 75·8 | 140 | 19 | S W by S | 0·85 | 7 | 53 |
| October | 29·813 | 0·131 | 80·8 | 88·5 | 75·5 | 13·0 | 76·7 | 73·8 | 0·866 | 82 | 134·5 | 73·7 | 82 | 31 | N by W | 10·09 | 20 | 32 |
| November | 29·894 | 0·123 | 77·8 | 85·6 | 72·0 | 13·6 | 73·2 | 70·8 | 0·760 | 80 | 137·3 | 69·2 | 152 | 3 | N E by N | 11·08 | 13 | 49 |
| December | 29·977 | 0·123 | 75·3 | 83·1 | 69·9 | 13·2 | 70·9 | 68·3 | 0·702 | 80 | 136·8 | 67·2 | 170 | 4 | N E | 3·25 | 9 | 48 |
| Annual | 29·838 | 0·127 | 80·7 | 89·7 | 74·4 | 15·3 | 75·1 | 72·1 | 0·803 | 77 | 139·9 | 72·0 | 143 | 11 | S E by E | 47·78 | 109 | 53 |

## Madras Extreme Monthly Meteorological Records in 1886.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·149 | 9 | 29·831 | 25 | 0·318 | 86·8 | 29 | 63·8 | 1 | 62·5 | 1 | 54 | 10 | 145·2 | 11 | 59·4 | 1 | 280 | 3 | 56 | 24 | 0·52 | 6 |
| February | 30·152 | 9 | 29·826 | 2 | 0·326 | 91·5 | 27 | 64·6 | 18 | 63·0 | 11 | 48 | 24 | 145·9 | 17 | 58·1 | 18 | 219 | 7 | 47 | 24 | ... | ... |
| March | 30·115 | 10 | 29·714 | 26 | 0·401 | 95·7 | 25 | 66·9 | 17 | 65·9 | 17 | 41 | 17 | 148·7 | 12 | 63·7 | 18 | 216 | 8 | 73 | 17 | 0·16 | 9 |
| April | 29·981 | 23 | 29·696 | 14 | 0·285 | 95·9 | 17 | 73·8 | 8 | 72·1 | 9 | 42 | 6 | 152·5 | 30 | 69·4 | 10 | 237 | 17 | 127 | 23 | ... | ... |
| May | 29·869 | 1 | 29·579 | 23 | 0·290 | 106·5 | 9 | 69·7 | 14 | 69·1 | 14 | 33 | 8 | 155·7 | 29 | 68·9 | 14 | 360 | 23 | 88 | 31 | 1·79 | 23 |
| June | 29·818 | 25 | 29·515 | 16 | 0·303 | 98·9 | 12 | 70·3 | 2 | 69·4 | 2 | 52 | 17 | 150·5 | 27 | 70·3 | 2 | 272 | 16 | 91 | 20 | 1·16 | 14 |
| July | 29·841 | 7 | 29·571 | 18 | 0·270 | 96·7 | 24 | 71·8 | 4 | 69·2 | 4 | 46 | 19 | 149·2 | 24 | 70·1 | 4 | 214 | 12 | 68 | 31 | 0·97 | 24 |
| August | 29·886 | 24 | 29·574 | 19 | 0·312 | 95·7 | 31 | 72·7 | 28 | 71·5 | 28 | 55 | 27 | 153·3 | 23 | 71·6 | 28 | 216 | 19 | 62 | 9 | 0·42 | 8 |
| September | 29·876 | 22 | 29·620 | 30 | 0·256 | 99·4 | 18 | 74·5 | 25 | 72·0 | 25 | 44 | 17 | 156·9 | 18 | 72·5 | 28 | 201 | 24 | 54 | 3 | 0·43 | 28 |
| October | 29·980 | 24 | 29·648 | 11 | 0·332 | 93·8 | 1 | 72·0 | 5 | 71·2 | 5 | 52 | 1 | 154·2 | 16 | 70·3 | 5 | 182 | 12 | 31 | 3 | 2·88 | 1 |
| November | 30·042 | 14 | 29·408 | 9 | 0·634 | 89·2 | 3 | 65·6 | 19 | 64·7 | 19 | 45 | 17 | 147·8 | 13 | 61·0 | 19 | 579 | 9 | 34 | 18 | 2·90 | 9 |
| December | 30·133 | 19 | 29·584 | 9 | 0·549 | 87·5 | 14 | 61·3 | 9 | 60·7 | 9 | 56 | 8 | 143·6 | 30 | 59·3 | 9 | 422 | 9 | 50 | 14 | 2·23 | 3 |

# Madras Meteorological Observations. 1887—January.

| January 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·980 | 0·132 | 74·4 | 69·7 | 83·6 | 67·4 | 138·2 | 64·5 | 0·665 | 78 | 156 | NE by N | 40 | ... | Passing clouds. |
| 2 | 29·964 | 0·127 | 75·0 | 71·2 | 84·5 | 66·5 | 140·6 | 62·9 | 0·714 | 83 | 157 | NE by N | 62 | 0·01 | Do. |
| 3 | 29·974 | 0·114 | 76·9 | 72·4 | 84·5 | 73·5 | 139·8 | 71·1 | 0·737 | 79 | 225 | NE by N | 48 | ... | Do. |
| 4 | 29·964 | 0·141 | 75·6 | 70·1 | 84·4 | 67·7 | 142·4 | 64·6 | 0·664 | 75 | 169 | N E | 37 | ... | Do. |
| 5 | 29·957 | 0·107 | 73·4 | 68·6 | 84·2 | 66·3 | 142·5 | 62·9 | 0·636 | 77 | 148 | N E | 45 | ... | Do. |
| 6 | 29·967 | 0·120 | 74·2 | 68·7 | 84·3 | 68·9 | 140·1 | 63·5 | 0·629 | 74 | 107 | NE by E | 55 | ... | Do. |
| 7 | 29·959 | 0·147 | 74·1 | 68·2 | 84·5 | 66·8 | 138·5 | 63·8 | 0·612 | 72 | 85 | E N E | 20 | ... | Fine. |
| 8 | 29·944 | 0·137 | 72·5 | 68·4 | 83·0 | 63·6 | 139·4 | 59·7 | 0·611 | 81 | 72 | East | 30 | ... | Passing clouds. |
| 9 | 29·974 | 0·124 | 72·4 | 68·0 | 82·5 | 64·2 | 136·1 | 59·3 | 0·625 | 78 | 59 | E by S | 22 | ... | Fine. |
| 10 | 29·997 | 0·112 | 73·2 | 68·2 | 83·7 | 64·5 | 141·8 | 60·6 | 0·624 | 76 | 62 | East | 35 | ... | Passing clouds. |
| 11 | 30·010 | 0·110 | 73·4 | 68·5 | 84·2 | 64·7 | 142·0 | 61·3 | 0·632 | 76 | 73 | East | 35 | ... | Do. |
| 12 | 30·009 | 0·124 | 74·0 | 68·9 | 84·3 | 64·2 | 138·4 | 60·3 | 0·640 | 75 | 98 | E by N | 28 | ... | Do. |
| 13 | 29·984 | 0·132 | 75·2 | 69·4 | 84·7 | 66·6 | 141·4 | 63·3 | 0·642 | 73 | 132 | NE by E | 25 | ... | Fine. |
| 14 | 29·959 | 0·130 | 74·7 | 70·4 | 85·5 | 67·5 | 141·2 | 63·3 | 0·687 | 80 | 132 | NE by N | 35 | ... | Passing clouds. |
| 15 | 29·952 | 0·102 | 76·0 | 71·1 | 85·7 | 69·4 | 143·3 | 67·7 | 0·697 | 77 | 141 | NE by N | 38 | ... | Do. |
| 16 | 29·963 | 0·118 | 75·8 | 70·8 | 84·5 | 67·4 | 143·3 | 63·5 | 0·689 | 77 | 153 | NE by N | 35 | ... | Do. |
| 17 | 29·935 | 0·136 | 76·3 | 71·0 | 84·2 | 67·4 | 138·5 | 64·4 | 0·689 | 76 | 179 | NE by N | 32 | ... | Do. |
| 18 | 29·923 | 0·139 | 75·6 | 70·0 | 85·3 | 66·2 | 141·5 | 62·2 | 0·660 | 75 | 135 | NE by E | 33 | ... | Do. |
| 19 | 29·885 | 0·170 | 74·6 | 69·1 | 83·9 | 65·5 | 143·3 | 62·1 | 0·639 | 74 | 105 | E by N | 30 | ... | Do. |
| 20 | 29·872 | 0·130 | 75·1 | 70·6 | 85·7 | 68·4 | 144·5 | 65·2 | 0·690 | 79 | 71 | E S E | 47 | ... | Do. |
| 21 | 29·851 | 0·157 | 75·7 | 71·9 | 84·5 | 66·9 | 140·1 | 63·5 | 0·732 | 82 | 111 | S E | 30 | ... | Do. |
| 22 | 29·858 | 0·121 | 77·4 | 73·5 | 87·2 | 69·9 | 145·1 | 67·1 | 0·774 | 82 | 110 | S S E | 23 | ... | Fine. |
| 23 | 29·915 | 0·136 | 78·8 | 73·4 | 87·9 | 71·6 | 142·9 | 68·0 | 0·751 | 76 | 163 | E by N | 40 | ... | Passing clouds. |
| 24 | 29·916 | 0·122 | 76·4 | 69·7 | 85·9 | 66·5 | 143·4 | 62·7 | 0·638 | 70 | 181 | N E | 32 | ... | Do. |
| 25 | 29·941 | 0·141 | 73·4 | 69·2 | 84·9 | 64·2 | 139·5 | 59·2 | 0·659 | 80 | 84 | E N E | 45 | ... | Do. |
| 26 | 29·886 | 0·154 | 71·3 | 67·7 | 86·2 | 62·4 | 143·5 | 59·0 | 0·631 | 83 | 67 | SE by E | 45 | ... | Do. |
| 27 | 29·882 | 0·164 | 73·9 | 70·6 | 89·5 | 64·6 | 144·8 | 60·2 | 0·706 | 85 | 103 | S by E | 43 | ... | Do. |
| 28 | 29·889 | 0·123 | 74·3 | 70·7 | 86·4 | 66·8 | 143·3 | 64·2 | 0·705 | 84 | 61 | E by S | 47 | ... | Do. |
| 29 | 29·863 | 0·148 | 74·5 | 71·2 | 89·3 | 66·4 | 141·7 | 63·2 | 0·721 | 84 | 78 | E N E | 43 | ... | Do. |
| 30 | 29·864 | 0·142 | 77·0 | 73·0 | 90·5 | 68·4 | 145·4 | 65·5 | 0·759 | 82 | 92 | SE by S | 45 | ... | Do. |
| 31 | 29·850 | 0·149 | 76·9 | 72·5 | 87·6 | 70·3 | 142·5 | 67·3 | 0·741 | 80 | 114 | S S E | 32 | ... | Do. |
| Mean | 29·932 | 0·133 | 74·9 | 70·2 | 85·4 | 66·9 | 141·6 | 63·4 | 0·678 | 78 | 117 | E by N | 37 | 0·01 | |

# Madras Meteorological Observations. 1887—February.

| February 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·833 | 0·149 | 75·7 | 71·2 | 84·8 | 68·2 | 139·2 | 65·2 | 0·705 | 79 | 114 | SE by S | 30 | ... | Passing clouds. |
| 2 | 29·888 | 0·124 | 77·0 | 70·9 | 86·8 | 67·5 | 141·5 | 64·2 | 0·676 | 73 | 102 | E by S | 25 | ... | Fine. |
| 3 | 29·938 | 0·125 | 77·3 | 71·7 | 87·2 | 68·3 | 141·0 | 63·2 | 0·703 | 75 | 147 | NE by E | 45 | ... | Passing clouds. |
| 4 | 29·961 | 0·151 | 75·0 | 69·5 | 85·4 | 66·5 | 141·5 | 62·2 | 0·649 | 75 | 56 | E by N | 30 | ... | Do. |
| 5 | 29·924 | 0·138 | 74·5 | 69·5 | 84·2 | 65·5 | 137·0 | 62·1 | 0·656 | 77 | 85 | SE by E | 15 | ... | Fine. |
| 6 | 29·937 | 0·125 | 74·6 | 67·7 | 84·4 | 64·0 | 139·6 | 60·9 | 0·586 | 68 | 100 | SE by E | 13 | ... | Do. |
| 7 | 29·942 | 0·124 | 74·0 | 68·3 | 87·8 | 64·5 | 143·5 | 61·2 | 0·616 | 74 | 68 | E by S | 7 | ... | Do. |
| 8 | 29·964 | 0·123 | 73·8 | 68·6 | 86·2 | 61·6 | 144·8 | 60·0 | 0·631 | 76 | 79 | E by N | 5 | ... | Do. |
| 9 | 29·983 | 0·119 | 75·5 | 70·5 | 85·4 | 64·7 | 141·3 | 61·2 | 0·681 | 77 | 88 | E by N | 10 | ... | Do. |
| 10 | 30·061 | 0·128 | 77·3 | 72·5 | 87·2 | 67·5 | 141·0 | 64·4 | 0·736 | 79 | 92 | E by N | 20 | ... | Do. |
| 11 | 30·087 | 0·124 | 77·3 | 71·9 | 86·0 | 67·3 | 144·2 | 63·8 | 0·710 | 75 | 128 | E N E | 37 | ... | Passing clouds. |
| 12 | 30·081 | 0·142 | 77·5 | 72·2 | 86·8 | 67·5 | 142·9 | 64·2 | 0·720 | 76 | 119 | E N E | 22 | ... | Fine. |
| 13 | 30·063 | 0·123 | 76·9 | 71·2 | 86·2 | 66·4 | 143·1 | 62·6 | 0·688 | 74 | 183 | NE by E | 33 | ... | Passing clouds. |
| 14 | 30·113 | 0·110 | 75·4 | 70·3 | 85·5 | 67·0 | 144·2 | 63·6 | 0·675 | 77 | 137 | N E | 38 | ... | Do. |
| 15 | 30·133 | 0·114 | 75·3 | 70·7 | 87·2 | 66·8 | 139·5 | 62·8 | 0·691 | 79 | 124 | NE by N | 25 | ... | Fine |
| 16 | 30·102 | 0·144 | 75·6 | 70·3 | 87·3 | 64·4 | 141·6 | 60·1 | 0·672 | 76 | 148 | N N E | 15 | ... | Do. |
| 17 | 30·067 | 0·131 | 75·4 | 70·6 | 86·1 | 64·4 | 143·7 | 60·3 | 0·685 | 79 | 140 | NE by N | 15 | ... | Do. |
| 18 | 30·034 | 0·135 | 76·8 | 70·9 | 86·6 | 66·0 | 142·0 | 61·6 | 0·678 | 73 | 180 | N E | 20 | ... | Do. |
| 19 | 30·029 | 0·123 | 77·3 | 71·5 | 86·1 | 67·5 | 142·6 | 65·0 | 0·696 | 74 | 199 | N E | 22 | ... | Do. |
| 20 | 29·991 | 0·121 | 74·6 | 68·3 | 85·4 | 65·9 | 149·0 | 62·6 | 0·609 | 71 | 157 | N E | 25 | ... | Do. |
| 21 | 29·978 | 0·163 | 72·3 | 67·1 | 85·5 | 63·7 | 153·4 | 58·8 | 0·594 | 75 | 111 | NE by N | 37 | ... | Passing clouds. |
| 22 | 29·929 | 0·137 | 73·3 | 68·1 | 85·9 | 60·6 | 144·8 | 57·0 | 0·619 | 75 | 101 | NE by E | 23 | ... | Fine. |
| 23 | 29·903 | 0·147 | 75·0 | 69·6 | 86·3 | 63·2 | 141·1 | 59·0 | 0·652 | 75 | 128 | E N E | 5 | ... | Do. |
| 24 | 29·885 | 0·150 | 76·3 | 71·4 | 88·3 | 67·0 | 144·2 | 62·4 | 0·704 | 77 | 105 | E by N | 7 | ... | Do. |
| 25 | 29·892 | 0·156 | 75·4 | 69·7 | 87·2 | 66·2 | 143·5 | 62·1 | 0·651 | 74 | 89 | S E | 5 | ... | Do. |
| 26 | 29·865 | 0·163 | 75·9 | 71·4 | 92·1 | 65·2 | 147·8 | 62·4 | 0·710 | 79 | 111 | S S E | 5 | ... | Do. |
| 27 | 29·829 | 0·148 | 78·4 | 71·7 | 91·3 | 66·9 | 146·4 | 65·1 | 0·688 | 72 | 127 | SE by S | 5 | ... | Do. |
| 28 | 29·803 | 0·152 | 79·6 | 72·3 | 90·1 | 70·6 | 144·2 | 69·4 | 0·696 | 69 | 167 | S S E | 5 | ... | Do. |
| Mean | 29·972 | 0·135 | 75·8 | 70·3 | 86·8 | 65·9 | 143·2 | 62·4 | 0·671 | 75 | 121 | E by N | 19 | *Nil.* | |

# Madras Meteorological Observations. 1887—March.

| March 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·843 | 0·128 | 81·0 | 73·9 | 93·5 | 70·3 | 147·4 | 65·6 | 0·741 | 71 | 212 | South | 5 | ... | Fine. |
| 2 | 29·905 | 0·115 | 78·4 | 73·9 | 87·6 | 70·0 | 141·1 | 67·6 | 0·777 | 80 | 176 | S S E | 15 | ... | Do. |
| 3 | 29·943 | 0·141 | 77·4 | 73·1 | 86·3 | 68·5 | 140·9 | 66·0 | 0·758 | 81 | 165 | S S E | 2 | ... | Do. |
| 4 | 29·899 | 0·155 | 77·5 | 72·6 | 88·3 | 67·9 | 143·3 | 64·6 | 0·736 | 79 | 138 | S S E | 5 | ... | Do. |
| 5 | 29·837 | 0·161 | 79·9 | 71·4 | 94·0 | 68·5 | 148·6 | 65·0 | 0·656 | 64 | 167 | South | 0 | ... | Do. |
| 6 | 29·861 | 0·118 | 78·8 | 70·5 | 94·7 | 65·9 | 147·9 | 62·4 | 0·636 | 65 | 177 | South | 5 | ... | Do. |
| 7 | 29·892 | 0·146 | 78·8 | 73·7 | 89·0 | 69·1 | 140·8 | 65·4 | 0·765 | 79 | 199 | S by E | 0 | ... | Do. |
| 8 | 29·892 | 0·126 | 78·6 | 73·9 | 86·8 | 70·3 | 140·3 | 68·0 | 0·775 | 79 | 198 | S S E | 15 | ... | Do. |
| 9 | 29·924 | 0·144 | 78·3 | 73·4 | 87·2 | 68·5 | 142·9 | 65·4 | 0·758 | 78 | 165 | SE by S | 15 | ... | Do. |
| 10 | 29·880 | 0·151 | 77·9 | 73·1 | 86·6 | 68·8 | 140·3 | 65·7 | 0·752 | 79 | 175 | S S E | 5 | ... | Do. |
| 11 | 29·872 | 0·129 | 77·9 | 73·1 | 86·3 | 69·5 | 140·1 | 65·6 | 0·752 | 79 | 196 | S S E | 20 | ... | Do. |
| 12 | 29·895 | 0·118 | 77·3 | 72·7 | 87·0 | 69·4 | 141·5 | 66·5 | 0·744 | 80 | 165 | S S E | 15 | ... | Do. |
| 13 | 29·919 | 0·129 | 78·6 | 73·4 | 87·0 | 69·5 | 140·3 | 66·4 | 0·754 | 77 | 159 | S S E | 13 | ... | Do. |
| 14 | 29·904 | 0·160 | 78·6 | 72·9 | 87·9 | 68·4 | 142·3 | 64·9 | 0·733 | 76 | 168 | S S E | 10 | ... | Do. |
| 15 | 29·859 | 0·145 | 80·2 | 75·5 | 88·5 | 71·6 | 143·9 | 68·6 | 0·820 | 79 | 180 | SE by S | 15 | ... | Do. |
| 16 | 29·852 | 0·140 | 80·2 | 75·5 | 88·3 | 71·6 | 141·1 | 68·9 | 0·821 | 79 | 172 | SE by S | 15 | ... | Do. |
| 17 | 29·879 | 0·132 | 80·0 | 74·6 | 88·5 | 72·6 | 141·4 | 69·3 | 0·785 | 77 | 164 | S E | 22 | ... | Do. |
| 18 | 29·870 | 0·125 | 77·6 | 72·7 | 86·5 | 68·7 | 148·5 | 65·3 | 0·739 | 78 | 127 | S E | 35 | ... | Passing clouds. |
| 19 | 29·890 | 0·109 | 78·8 | 74·1 | 88·5 | 68·3 | 141·6 | 65·1 | 0·780 | 79 | 142 | SE by S | 20 | ... | Fine. |
| 20 | 29·860 | 0·153 | 78·9 | 73·5 | 89·7 | 69·7 | 159·9 | 66·5 | 0·754 | 76 | 115 | SE by E | 45 | ... | Passing clouds. |
| 21 | 29·863 | 0·167 | 79·6 | 75·1 | 88·4 | 71·5 | 141·1 | 67·9 | 0·812 | 80 | 134 | E N E | 70 | 0·01 | Do. |
| 22 | 29·873 | 0·106 | 81·8 | 77·5 | 88·5 | 75·7 | 139·3 | 73·3 | 0·887 | 82 | 166 | E N E | 62 | 0·29 | Passing clouds : th. : rain. |
| 23 | 29·901 | 0·134 | 81·1 | 76·2 | 88·4 | 75·0 | 140·3 | 67·9 | 0·838 | 78 | 123 | E S E | 35 | ... | Passing clouds. |
| 24 | 29·895 | 0·131 | 80·0 | 76·0 | 88·4 | 73·5 | 139·1 | 71·3 | 0·845 | 82 | 149 | S E | 30 | ... | Do. |
| 25 | 29·867 | 0·170 | 81·5 | 77·1 | 93·3 | 73·8 | 143·2 | 72·3 | 0·872 | 82 | 173 | S by E | 10 | ... | Fine. |
| 26 | 29·822 | 0·156 | 81·5 | 77·2 | 93·3 | 76·9 | 144·3 | 75·1 | 0·877 | 82 | 244 | S by E | 43 | ... | Passing clouds. |
| 27 | 29·766 | 0·176 | 82·2 | 76·6 | 89·5 | 74·7 | 139·6 | 73·3 | 0·842 | 77 | 233 | S by E | 35 | ... | Do. |
| 28 | 29·758 | 0·140 | 84·3 | 79·7 | 92·4 | 78·9 | 144·5 | 78·3 | 0·954 | 81 | 249 | S by E | 15 | ... | Fine. |
| 29 | 29·775 | 0·104 | 83·6 | 79·5 | 91·1 | 79·5 | 142·4 | 78·2 | 0·954 | 83 | 266 | S S E | 30 | ... | Passing clouds. |
| 30 | 29·796 | 0·110 | 82·2 | 77·8 | 90·2 | 77·5 | 142·5 | 76·9 | 0·894 | 81 | 220 | S S E | 40 | ... | Passing clouds : th. |
| 31 | 29·804 | 0·119 | 83·4 | 77·5 | 90·9 | 76·5 | 142·2 | 74·5 | 0·865 | 75 | 226 | SE by S | 10 | ... | Fine. |
| Mean | 29·864 | 0·137 | 79·9 | 74·8 | 89·2 | 71·6 | 143·0 | 68·8 | 0·796 | 78 | 179 | S E by S | 21 | 0·30 | |

## Madras Meteorological Observations. 1887—April.

| April 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·841 | 0·100 | 82·1 | 76·8 | 90·1 | 75·6 | 145·2 | 72·8 | 0·851 | 78 | 184 | S E | 30 | ... | Passing clouds. |
| 2 | 29·891 | 0·128 | 81·3 | 75·9 | 90·5 | 74·2 | 142·5 | 72·3 | 0·823 | 77 | 146 | East | 20 | ... | Fine. |
| 3 | 29·898 | 0·137 | 82·8 | 77·9 | 90·1 | 74·5 | 148·0 | 72·6 | 0·891 | 79 | 181 | N E | 35 | ... | Passing clouds. |
| 4 | 29·873 | 0·123 | 83·3 | 77·4 | 91·6 | 76·5 | 145·9 | 72·3 | 0·861 | 74 | 168 | E N E | 25 | ... | Do. |
| 5 | 29·899 | 0·093 | 83·3 | 77·5 | 91·4 | 76·1 | 146·8 | 73·8 | 0·867 | 76 | 135 | E by N | 40 | ... | Do. |
| 6 | 29·926 | 0·133 | 83·7 | 77·3 | 90·6 | 76·8 | 147·8 | 74·8 | 0·851 | 73 | 131 | E by S | 35 | ... | Do. |
| 7 | 29·897 | 0·137 | 82·5 | 77·8 | 89·9 | 74·6 | 143·5 | 71·4 | 0·891 | 80 | 168 | S E | 25 | ... | Do. |
| 8 | 29·847 | 0·152 | 83·4 | 78·3 | 89·6 | 77·7 | 145·6 | 76·5 | 0·902 | 79 | 202 | SE by S | 35 | ... | Do. |
| 9 | 29·862 | 0·158 | 82·6 | 77·2 | 90·2 | 75·0 | 142·3 | 73·0 | 0·862 | 77 | 167 | S E | 25 | ... | Do. |
| 10 | 29·897 | 0·139 | 83·8 | 78·7 | 90·6 | 77·8 | 146·7 | 75·6 | 0·914 | 79 | 147 | E S E | 40 | ... | Do. |
| 11 | 29·873 | 0·105 | 83·1 | 77·5 | 91·4 | 76·6 | 148·9 | 74·1 | 0·870 | 77 | 157 | SE by S | 27 | ... | Do. |
| 12 | 29·833 | 0·125 | 83·5 | 78·2 | 93·8 | 76·8 | 147·7 | 74·8 | 0·895 | 78 | 175 | S S E | 27 | ... | Do. |
| 13 | 29·804 | 0·139 | 83·4 | 79·1 | 90·5 | 75·8 | 143·3 | 74·6 | 0·937 | 82 | 171 | SE by S | 30 | ... | Do. |
| 14 | 29·845 | 0·124 | 81·9 | 78·5 | 90·4 | 74·1 | 142·5 | 71·4 | 0·930 | 85 | 151 | S E | 13 | ... | Fine. |
| 15 | 29·870 | 0·142 | 84·3 | 79·4 | 91·6 | 77·0 | 145·6 | 75·4 | 0·939 | 79 | 155 | E S E | 25 | ... | Do. |
| 16 | 29·856 | 0·157 | 84·1 | 79·4 | 90·6 | 76·8 | 147·1 | 74·8 | 0·942 | 81 | 174 | S E | 35 | ... | Passing clouds. |
| 17 | 29·842 | 0·141 | 83·9 | 79·6 | 91·1 | 78·6 | 146·6 | 68·2 | 0·954 | 82 | 144 | S S E | 35 | ... | Do. |
| 18 | 29·793 | 0·131 | 83·7 | 79·5 | 92·0 | 75·2 | 144·9 | 68·7 | 0·952 | 83 | 161 | S S E | 10 | ... | Fine. |
| 19 | 29·785 | 0·123 | 84·3 | 80·7 | 91·9 | 76·2 | 147·0 | 74·7 | 1·000 | 85 | 186 | S S E | 15 | ... | Do. |
| 20 | 29·760 | 0·137 | 83·5 | 79·7 | 91·1 | 76·0 | 145·5 | 73·7 | 0·964 | 84 | 183 | S S E | 10 | ... | Do. |
| 21 | 29·747 | 0·154 | 84·7 | 80·9 | 93·2 | 77·0 | 147·0 | 74·8 | 1·004 | 84 | 191 | S S E | 5 | ... | Do. |
| 22 | 29·710 | 0·151 | 85·1 | 80·3 | 92·3 | 76·6 | 150·6 | 73·7 | 0·971 | 79 | 199 | S by E | 20 | ... | Do. |
| 23 | 29·746 | 0·110 | 85·2 | 81·5 | 92·2 | 79·1 | 140·8 | 77·9 | 1·027 | 85 | 239 | S by E | 15 | ... | Do. |
| 24 | 29·857 | 0·112 | 83·7 | 79·3 | 90·5 | 77·2 | 140·3 | 76·7 | 0·943 | 81 | 173 | SE by E | 37 | ... | Do. |
| 25 | 29·885 | 0·145 | 83·6 | 79·2 | 94·0 | 76·4 | 149·1 | 74·3 | 0·940 | 81 | 120 | S E | 30 | ... | Passing clouds. |
| 26 | 29·843 | 0·166 | 84·5 | 79·7 | 91·4 | 76·9 | 147·5 | 74·4 | 0·951 | 80 | 111 | S E | 18 | ... | Fine. |
| 27 | 29·772 | 0·147 | 84·9 | 79·8 | 93·1 | 74·9 | 146·7 | 71·9 | 0·950 | 78 | 149 | E S E | 22 | ... | Do. |
| 28 | 29·758 | 0·107 | 85·3 | 80·0 | 94·1 | 78·0 | 148·1 | 76·7 | 0·951 | 78 | 115 | E by S | 48 | ... | Passing clouds. |
| 29 | 29·757 | 0·136 | 84·8 | 79·6 | 93·0 | 81·5 | 149·2 | 80·7 | 0·944 | 78 | 221 | SE by S | 53 | ... | Do. |
| 30 | 29·793 | 0·114 | 84·6 | 79·1 | 91·1 | 78·1 | 145·3 | 76·8 | 0·921 | 77 | 260 | S by E | 27 | ... | Do. |
| Mean | 2 ·832 | 0·132 | 83·7 | 78·9 | 91·5 | 76·6 | 145·9 | 74·1 | 0·923 | 80 | 169 | S E | 27 | *Nil.* | |

# Madras Meteorological Observations. 1887—May.

| May 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·771 | 0·140 | 85·5 | 80·7 | 92·9 | 78·5 | 144·9 | 76·5 | 0·985 | 80 | 258 | South | 28 | ... | Passing clouds. |
| 2 | 29·707 | 0·155 | 87·9 | 80·8 | 103·8 | 80·3 | 151·0 | 79·0 | 0·957 | 73 | 265 | South | 15 | ... | Fine. |
| 3 | 29·707 | 0·155 | 87·7 | 77·9 | 99·3 | 80·0 | 149·2 | 78·1 | 0·825 | 63 | 200 | S by E | 20 | ... | Do. |
| 4 | 29·781 | 0·120 | 89·0 | 79·6 | 102·8 | 83·0 | 150·5 | 81·9 | 0·885 | 65 | 216 | SW by S | 45 | ... | Passing clouds. } : lt. thunderstorm. |
| 5 | 29·824 | 0·121 | 83·6 | 76·6 | 98·8 | 76·0 | 150·3 | 71·9 | 0·822 | 72 | 248 | S by W | 70 | 0·05 | Do. } |
| 6 | 29·800 | 0·170 | 84·7 | 77·9 | 93·7 | 77·1 | 145·9 | 76·0 | 0·866 | 73 | 211 | SE by S | 40 | ... | Passing clouds. |
| 7 | 29·779 | 0·140 | 84·6 | 79·3 | 95·2 | 80·0 | 149·3 | 79·4 | 0·931 | 78 | 211 | S S E | 30 | ... | Do. |
| 8 | 29·798 | 0·157 | 86·6 | 80·3 | 94·8 | 80·0 | 148·9 | 79·1 | 0·950 | 76 | 217 | S by E | 15 | ... | Fine. |
| 9 | 29·748 | 0·139 | 88·3 | 79·5 | 97·2 | 80·8 | 151·6 | 79·2 | 0·890 | 67 | 203 | S by E | 15 | ... | Do. |
| 10 | 29·756 | 0·120 | 88·2 | 78·1 | 95·6 | 82·0 | 138·5 | 80·7 | 0·826 | 62 | 187 | S E | 75 | 0·01 | Passing clouds. |
| 11 | 29·694 | 0·151 | 89·8 | 80·2 | 106·4 | 83·0 | 151·9 | 77·9 | 0·903 | 65 | 206 | S W | 50 | ... | Do. |
| 12 | 29·684 | 0·123 | 88·9 | 80·3 | 100·6 | 82·0 | 148·7 | 81·7 | 0·919 | 68 | 257 | South | 40 | ... | Do. |
| 13 | 29·698 | 0·112 | 90·7 | 78·8 | 95·9 | 84·3 | 126·8 | 83·7 | 0·825 | 57 | 220 | W by S | 80 | ... | Cloudy |
| 14 | 29·721 | 0·116 | 89·1 | 79·6 | 97·9 | 84·2 | 145·7 | 83·7 | 0·884 | 65 | 228 | S by W | 90 | ... | Do. |
| 15 | 29·726 | 0·107 | 88·6 | 79·7 | 101·0 | 84·0 | 149·9 | 82·9 | 0·894 | 66 | 253 | S by W | 70 | ... | Passing clouds. |
| 16 | 29·701 | 0·135 | 89·8 | 81·5 | 98·7 | 82·4 | 153·2 | 80·6 | 0·965 | 69 | 203 | South | 15 | ... | Fine: lg. W. |
| 17 | 29·676 | 0·128 | 90·2 | 78·8 | 106·7 | 83·2 | 151·9 | 82·5 | 0·832 | 58 | 261 | SW by S | 20 | ... | Fine. |
| 18 | 29·675 | 0·113 | 88·6 | 80·1 | 96·9 | 85·0 | 155·6 | 84·3 | 0·913 | 68 | 276 | S S W | 87 | ... | Cloudy. |
| 19 | 29·676 | 0·114 | 91·9 | 79·0 | 105·0 | 84·4 | 150·0 | 83·6 | 0·817 | 55 | 246 | S S W | 55 | ... | Passing clouds. |
| 20 | 29·676 | 0·149 | 92·3 | 79·0 | 100·0 | 87·4 | 148·4 | 85·4 | 0·812 | 53 | 195 | S S W | 85 | ... | Cloudy. |
| 21 | 29·636 | 0·102 | 90·5 | 77·9 | 100·8 | 84·2 | 151·7 | 82·8 | 0·786 | 55 | 238 | South | 35 | ... | Passing clouds. |
| 22 | 29·667 | 0·085 | 88·0 | 76·8 | 97·8 | 82·8 | 150·9 | 81·0 | 0·771 | 59 | 239 | South | 55 | ... | Do. |
| 23 | 29·666 | 0·142 | 91·9 | 77·0 | 105·2 | 83·4 | 146·7 | 82·6 | 0·727 | 48 | 230 | SW by W | 50 | ... | Do. |
| 24 | 29·672 | 0·137 | 89·2 | 78·0 | 99·1 | 86·2 | 153·7 | 84·4 | 0·809 | 59 | 244 | SW by S | 85 | ... | Cloudy. |
| 25 | 29·616 | 0·142 | 92·2 | 81·7 | 98·9 | 86·4 | 149·7 | 85·6 | 0·942 | 62 | 217 | SW by S | 70 | ... | Passing clouds. |
| 26 | 29·624 | 0·110 | 89·8 | 81·6 | 105·8 | 84·5 | 148·4 | 83·5 | 0·969 | 69 | 275 | S by W | 60 | ... | Do. |
| 27 | 29·657 | 0·104 | 89·3 | 80·0 | 99·5 | 82·2 | 147·2 | 81·3 | 0·899 | 65 | 260 | South | 25 | ... | Fine: lg. W. |
| 28 | 29·709 | 0·106 | 87·5 | 78·0 | 98·0 | 82·8 | 148·9 | 80·8 | 0·832 | 64 | 253 | S by W | 5 | ... | Fine. |
| 29 | 29·733 | 0·110 | 87·1 | 80·2 | 98·9 | 81·4 | 148·9 | 80·4 | 0·940 | 73 | 270 | South | 5 | ... | Do. |
| 30 | 29·759 | 0·113 | 85·8 | 80·9 | 97·2 | 81·5 | 144·7 | 80·8 | 0·992 | 80 | 265 | S by E | 15 | ... | Do. |
| 31 | 29·764 | 0·141 | 84·6 | 80·6 | 92·6 | 80·6 | 139·1 | 80·0 | 0·991 | 83 | 270 | S by E | 38 | ... | Passing clouds. |
| Mean | 29·713 | 0·129 | 88·4 | 79·4 | 99·3 | 82·4 | 148·1 | 81·0 | 0·883 | 66 | 236 | S by W | 45 | 0·06 | |

# Madras Meteorological Observations. 1887—June.

| June 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·704 | 0·147 | 86·3 | 80·8 | 95·8 | 79·4 | 148·5 | 78·5 | 0·978 | 78 | 210 | S by W | 20 | ... | Fine : th. & lg. |
| 2 | 29·701 | 0·102 | 86·6 | 79·9 | 97·0 | 79·0 | 149·4 | 77·6 | 0·932 | 73 | 190 | SW by S | 25 | ... | Do. : do. |
| 3 | 29·732 | 0·121 | 85·9 | 80·9 | 97·6 | 79·3 | 145·6 | 78·3 | 0·989 | 80 | 250 | S by W | 10 | ... | Fine. |
| 4 | 29·727 | 0·130 | 86·9 | 80·9 | 96·2 | 80·4 | 143·7 | 79·6 | 0·975 | 76 | 258 | S by W | 47 | ... | Passing clouds. |
| 5 | 29·706 | 0·154 | 90·5 | 78·0 | 101·7 | 84·2 | 152·9 | 82·9 | 0·791 | 55 | 267 | W S W | 52 | ... | Do. |
| 6 | 22·658 | 0·165 | 91·1 | 78·4 | 100·9 | 84·2 | 147·3 | 83·6 | 0·801 | 54 | 255 | W S W | 60 | ... | Do. |
| 7 | 29·652 | 0·135 | 88·8 | 78·5 | 99·2 | 82·7 | 146·3 | 79·2 | 0·837 | 62 | 226 | SW by W | 75 | ... | Cloudy. |
| 8 | 29·678 | 0·089 | 86·9 | 76·7 | 92·6 | 82·0 | 135·7 | 78·6 | 0·782 | 61 | 197 | S by W | 63 | ... | Passing clouds. |
| 9 | 29·735 | 0·133 | 85·7 | 75·8 | 93·0 | 82·8 | 136·0 | 82·6 | 0·759 | 62 | 197 | W S W | 70 | 0·10 | Passing clouds : lg. : rain. |
| 10 | 29·730 | 0·176 | 82·4 | 75·5 | 93·2 | 77·6 | 129·2 | 77·3 | 0·791 | 71 | 216 | W S W | 97 | 0·07 | Overcast. |
| 11 | 29·657 | 0·154 | 83·8 | 74·8 | 93·3 | 76·1 | 128·0 | 74·8 | 0·742 | 64 | 260 | W by S | 100 | ... | Do. |
| 12 | 29·654 | 0·122 | 83·2 | 74·1 | 91·2 | 77·6 | 130·5 | 77·3 | 0·722 | 62 | 253 | W by S | 100 | ... | Do. |
| 13 | 29·666 | 0·110 | 86·1 | 74·9 | 97·0 | 79·7 | 150·0 | 77·0 | 0·715 | 58 | 224 | W by S | 83 | ... | Cloudy. |
| 14 | 29·721 | 0·129 | 88·1 | 76·0 | 101·2 | 80·2 | 154·2 | 79·6 | 0·736 | 56 | 327 | SW by W | 63 | ... | Passing clouds. |
| 15 | 29·767 | 0·137 | 89·9 | 78·1 | 101·0 | 81·2 | 144·4 | 80·6 | 0·804 | 57 | 264 | W S W | 50 | ... | Do. |
| 16 | 29·744 | 0·167 | 89·4 | 77·7 | 101·6 | 81·0 | 158·0 | 79·8 | 0·793 | 58 | 276 | SW by W | 32 | ... | Do. |
| 17 | 29·694 | 0·184 | 90·9 | 78·0 | 102·2 | 81·0 | 150·9 | 79·6 | 0·785 | 54 | 303 | W by S | 45 | ... | Do. |
| 18 | 29·689 | 0·118 | 85·8 | 79·0 | 98·5 | 82·2 | 146·6 | 81·2 | 0·900 | 73 | 245 | W S W | 60 | 0·13 | Passing clouds : rain. |
| 19 | 29·696 | 0·147 | 84·4 | 79·2 | 99·8 | 77·7 | 147·2 | 76·8 | 0·929 | 79 | 217 | SW by S | 65 | 0·09 | Passing clouds. |
| 20 | 29·710 | 0·139 | 85·7 | 79·2 | 99·7 | 79·8 | 158·0 | 78·7 | 0·911 | 74 | 215 | SW by S | 45 | 0·02 | Do. |
| 21 | 29·714 | 0·141 | 84·1 | 79·1 | 98·0 | 75·3 | 142·2 | 73·7 | 0·928 | 79 | 174 | SW by S | 68 | ... | Do. |
| 22 | 29·712 | 0·113 | 86·0 | 80·5 | 99·0 | 78·7 | 144·8 | 77·8 | 0·968 | 78 | 203 | South | 47 | ... | Do. |
| 23 | 29·723 | 0·067 | 85·0 | 79·9 | 102·3 | 80·4 | 149·7 | 78·6 | 0·952 | 79 | 165 | SW by S | 55 | 0·09 | Do. |
| 24 | 29·766 | 0·104 | 80·8 | 77·9 | 87·0 | 76·4 | 105·3 | 74·8 | 0·918 | 88 | 116 | SW by W | 80 | 0·02 | Cloudy. |
| 25 | 29·738 | 0·097 | 81·1 | 77·2 | 94·2 | 76·5 | 150·8 | 75·6 | 0·884 | 84 | 131 | S by E | 43 | 0·06 | Passing clouds : th. and lg. |
| 26 | 29·722 | 0·096 | 84·2 | 79·6 | 94·0 | 77·7 | 142·2 | 75·9 | 0·951 | 81 | 127 | SE by S | 25 | ... | Do. : do. |
| 27 | 29·697 | 0·116 | 85·6 | 80·6 | 93·0 | 80·0 | 141·4 | 78·8 | 0·978 | 80 | 182 | S S E | 45 | ... | Passing clouds : lg. |
| 28 | 29·703 | 0·113 | 85·0 | 79·4 | 95·8 | 75·9 | 145·6 | 74·6 | 0·929 | 77 | 181 | SW by S | 52 | ... | Passing clouds : th. and lg. |
| 29 | 29·722 | 0·136 | 80·2 | 77·5 | 90·8 | 75·5 | 145·2 | 75·0 | 0·909 | 89 | 155 | SW by S | 80 | 0·05 | Cloudy : lg. |
| 30 | 29·689 | 0·126 | 83·6 | 79·3 | 95·5 | 77·4 | 140·0 | 76·6 | 0·944 | 82 | 159 | SW by S | 70 | ... | Cloudy. |
| Mean | 29·707 | 0·129 | 85·8 | 78·2 | 96·7 | 79·4 | 143·7 | 78·2 | 0·868 | 71 | 215 | S W | 58 | 0·63 | |

# Madras Meteorological Observations. 1887—July.

| July 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·682 | 0·085 | 82·8 | 77·5 | 98·7 | 78·9 | 148·1 | 77·7 | 0·874 | 78 | 170 | W S W | 65 | 1·76 | Cloudy : thunderstorm at 1-45 P.M. |
| 2 | 29·667 | 0·107 | 83·1 | 76·6 | 88·9 | 77·8 | 113·4 | 75·8 | 0·829 | 73 | 177 | SW by W | 87 | ... | Cloudy : th. and lg. |
| 3 | 29·707 | 0·109 | 83·4 | 75·9 | 92·3 | 76·9 | 130·0 | 75·9 | 0·795 | 69 | 238 | W S W | 93 | ... | Cloudy. |
| 4 | 29·715 | 0·127 | 86·4 | 76·3 | 92·4 | 80·6 | 122·4 | 74·7 | 0·772 | 61 | 229 | W S W | 70 | ... | Do. |
| 5 | 29·690 | 0 154 | 84·8 | 77·2 | 93·3 | 81·8 | 130·4 | 76·4 | 0·833 | 70 | 204 | West | 76 | 0·60 | Cloudy : th. and lg. : rain. |
| 6 | 29·709 | 0·103 | 82·2 | 74·7 | 86·6 | 74·9 | 110·7 | 74·7 | 0·760 | 69 | 171 | W by S | 93 | ... | Cloudy. |
| 7 | 29·766 | 0·104 | 83·9 | 76·5 | 93·6 | 79·0 | 134·5 | 77·7 | 0·814 | 70 | 181 | W S W | 70 | 0·08 | Cloudy : lg. |
| 8 | 29·807 | 0·148 | 84·4 | 76·6 | 97·4 | 77·6 | 147·4 | 75·9 | 0·812 | 68 | 192 | W by S | 80 | 0·23 | Cloudy : th. and lg. : rain. |
| 9 | 29·818 | 0·084 | 81·2 | 75·4 | 90·0 | 75·9 | 122·0 | 74·9 | 0·803 | 75 | 179 | W by S | 92 | ... | Cloudy. |
| 10 | 29·774 | 0·122 | 83·4 | 73·5 | 90·8 | 76·4 | 124·0 | 75·0 | 0·693 | 60 | 211 | W by S | 78 | ... | Do. |
| 11 | 29·738 | 0·139 | 85·2 | 73·6 | 93·7 | 78·0 | 143·4 | 76·7 | 0·674 | 56 | 255 | W S W | 67 | ... | Passing clouds. |
| 12 | 29·729 | 0·126 | 85·8 | 74·5 | 94·1 | 78·0 | 141·6 | 77·3 | 0·703 | 57 | 267 | W S W | 74 | ... | Cloudy. |
| 13 | 29·712 | 0·109 | 86·0 | 75·8 | 92·6 | 79·8 | 126·6 | 77·5 | 0·755 | 61 | 245 | W S W | 80 | ... | Do. |
| 14 | 29·751 | 0·110 | 87·3 | 76·1 | 96·0 | 80·3 | 144·5 | 78·7 | 0·751 | 57 | 268 | W S W | 77 | ... | Do. |
| 15 | 29 769 | 0·167 | 87·5 | 75·6 | 98·1 | 78·9 | 146·8 | 76·9 | 0·726 | 56 | 217 | W S W | 63 | ... | Passing clouds. |
| 16 | 29·749 | 0·155 | 86·9 | 77·1 | 95·5 | 80·8 | 151·2 | 77·8 | 0·800 | 62 | 200 | S W | 60 | ... | Do. |
| 17 | 29·772 | 0·131 | 86·2 | 77·2 | 97·8 | 79·8 | 151·0 | 78·6 | 0·813 | 65 | 181 | E S E | 45 | ... | Do. |
| 18 | 29·745 | 0·118 | 85·4 | 76·5 | 93·3 | 79·8 | 132·6 | 79·0 | 0·793 | 65 | 169 | W by N | 82 | ... | Cloudy. |
| 19 | 29·705 | 0·119 | 84·0 | 75·9 | 88·9 | 80·0 | 106·0 | 75·0 | 0·787 | 68 | 170 | W by S | 100 | 0·03 | Overcast. |
| 20 | 29·696 | 0·103 | 79·6 | 76·0 | 85·6 | 75·0 | 113·9 | 67·8 | 0·851 | 85 | 87 | W by S | 85 | 0·05 | Cloudy. |
| 21 | 29·723 | 0·131 | 85·7 | 78·4 | 96·6 | 77·4 | 135·0 | 76·8 | 0 875 | 71 | 234 | SW by W | 70 | ... | Passing clouds. |
| 22 | 29·730 | 0·143 | 85·0 | 77·6 | 96·3 | 77·0 | 141·5 | 75·3 | 0·848 | 70 | 222 | SW by S | 53 | ... | Do. |
| 23 | 29·701 | 0·129 | 88·0 | 78·4 | 100·1 | 79·8 | 150·0 | 78·0 | 0·844 | 64 | 189 | S W | 47 | 0·03 | Do. |
| 24 | 29·673 | 0·130 | 88·8 | 78·2 | 97·9 | 82·1 | 146·4 | 80·8 | 0 823 | 61 | 253 | W S W | 85 | ... | Cloudy. |
| 25 | 29·654 | 0·115 | 87·6 | 78·6 | 97·9 | 82·6 | 148·5 | 81·4 | 0·858 | 66 | 204 | W S W | 73 | ... | Do. |
| 26 | 29·708 | 0·120 | 86·8 | 79·8 | 101·5 | 80·0 | 150·8 | 78·0 | 0·924 | 72 | 220 | S W | 48 | ... | Passing clouds. |
| 27 | 29·741 | 0·117 | 86·7 | 79·0 | 92·1 | 81·8 | 151·5 | 80·8 | 0·888 | 69 | 209 | S S W | 47 | ... | Passing clouds : lg. |
| 28 | 29·751 | 0·138 | 85·8 | 79·4 | 100·8 | 79·6 | 151·7 | 77·8 | 0·918 | 74 | 216 | S S W | 58 | 0·02 | Passing clouds. |
| 29 | 29·753 | 0·136 | 84·3 | 78·2 | 96·4 | 78·5 | 150·6 | 77·0 | 0·884 | 75 | 189 | South | 55 | 0·09 | Passing clouds : th. and lg. |
| 30 | 29·755 | 0·172 | 85·1 | 78·5 | 95·4 | 76·2 | 150·6 | 75·8 | 0·887 | 74 | 221 | SW by S | 60 | 0·08 | Passing clouds. |
| 31 | 29·761 | 0·142 | 84·2 | 78·2 | 93·2 | 77·6 | 147·6 | 75·1 | 0·885 | 75 | 172 | South | 32 | 0·02 | Do. |
| Mean | 29·731 | 0·126 | 85·1 | 76·9 | 94·4 | 78·8 | 137·6 | 76·8 | 0·815 | 68 | 205 | SW by W | 70 | 2·99 | |

## Madras Meteorological Observations. 1887—August.

| August 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·763 | 0·124 | 85·2 | 78·8 | 95·1 | 79·8 | 147·3 | 77·9 | 0·899 | 74 | 197 | South | 50 | ... | Passing clouds. |
| 2 | 29·793 | 0·134 | 84·7 | 78·4 | 95·7 | 79·6 | 145·7 | 78·5 | 0·887 | 74 | 153 | South | 55 | ... | Do. |
| 3 | 29·786 | 0·146 | 83·6 | 77·5 | 95·3 | 77·0 | 150·3 | 74·7 | 0·862 | 75 | 188 | South | 45 | 0·02 | Do. |
| 4 | 29·751 | 0·116 | 85·3 | 77·5 | 97·6 | 79·9 | 151·1 | 74·0 | 0·840 | 69 | 210 | S by W | 70 | ... | Cloudy. |
| 5 | 29·758 | 0·105 | 83·0 | 77·2 | 93·2 | 80·0 | 150·1 | 79·4 | 0·857 | 77 | 159 | South | 57 | ... | Passing clouds. |
| 6 | 29·802 | 0·090 | 78·9 | 76·5 | 91·9 | 76·2 | 152·1 | 74·5 | 0·881 | 89 | 135 | S by E | 55 | 1·69 | Passing clouds : thunderstorm. |
| 7 | 29·815 | 0·117 | 81·8 | 77·7 | 91·0 | 78·0 | 141·1 | 75·7 | 0·895 | 83 | 147 | S S W | 48 | ... | Passing clouds : th. and lg. |
| 8 | 29·805 | 0·126 | 81·7 | 78·2 | 90·3 | 75·5 | 123·1 | 73·7 | 0·919 | 85 | 118 | S W by S | 90 | ... | Cloudy : th. and lg. |
| 9 | 29·810 | 0·105 | 80·1 | 76·6 | 85·6 | 74·1 | 116·4 | 72·7 | 0·870 | 85 | 106 | W by N | 97 | 1·08 | Cloudy : thunderstorm. |
| 10 | 29·797 | 0·109 | 80·4 | 76·9 | 85·7 | 76·8 | 108·5 | 75·3 | 0·879 | 85 | 75 | W S W | 95 | ... | Cloudy. |
| 11 | 29·769 | 0·121 | 80·5 | 75·5 | 88·7 | 75·8 | 144·1 | 73·5 | 0·817 | 78 | 91 | S S W | 80 | ... | Do. |
| 12 | 29·753 | 0·121 | 80·4 | 75·5 | 91·6 | 76·3 | 139·3 | 73·7 | 0·817 | 78 | 123 | South | 45 | 0·02 | Passing clouds : th. and lg. |
| 13 | 29·715 | 0·156 | 81·0 | 76·1 | 94·2 | 75·9 | 149·2 | 74·0 | 0·835 | 78 | 169 | SW by S | 68 | ... | Passing clouds. |
| 14 | 29·698 | 0·107 | 78·5 | 75·6 | 91·2 | 75·2 | 140·3 | 74·7 | 0·847 | 87 | 203 | W S W | 75 | 2·80 | Day overcast and rainy : thunderstorm about 3 P.M. |
| 15 | 29·703 | 0·125 | 80·0 | 76·5 | 87·2 | 74·7 | 126·7 | 73·4 | 0·867 | 85 | 118 | W by S | 97 | 0·58 | Cloudy : thunderstorm. |
| 16 | 29·699 | 0·110 | 83·1 | 77·2 | 90·2 | 77·8 | 130·3 | 76·8 | 0·855 | 75 | 141 | W by N | 80 | ... | Cloudy : th. and lg. |
| 17 | 29·701 | 0·128 | 82·5 | 77·2 | 88·9 | 77·1 | 141·6 | 76·3 | 0·864 | 78 | 177 | W S W | 65 | ... | Passing clouds. |
| 18 | 29·676 | 0·156 | 83·2 | 76·9 | 91·2 | 77·0 | 132·1 | 75·0 | 0·841 | 74 | 158 | SW by W | 82 | 0·25 | Cloudy : rain. |
| 19 | 29·671 | 0·100 | 83·3 | 78·8 | 91·3 | 76·9 | 134·1 | 75·1 | 0·925 | 81 | 140 | W S W | 85 | ... | Cloudy. |
| 20 | 29·705 | 0·116 | 83·3 | 78·1 | 91·7 | 78·8 | 138·3 | 77·1 | 0·893 | 78 | 156 | S S W | 70 | ... | Passing clouds : th. and lg. |
| 21 | 29·712 | 0·134 | 83·4 | 79·0 | 91·3 | 78·3 | 134·3 | 77·2 | 0·933 | 81 | 134 | South | 53 | ... | Passing clouds. |
| 22 | 29·755 | 0·116 | 83·4 | 77·2 | 93·2 | 76·9 | 143·1 | 76·1 | 0·851 | 74 | 123 | S by W | 75 | ... | Cloudy. |
| 23 | 29·757 | 0·155 | 83·7 | 78·9 | 90·9 | 78·9 | 143·7 | 77·9 | 0·924 | 80 | 129 | S by E | 62 | ... | Passing clouds : th. and lg. |
| 24 | 29·800 | 0·137 | 80·0 | 77·5 | 90·6 | 73·9 | 140·1 | 73·7 | 0·911 | 89 | 113 | S S W | 60 | 2·06 | Cloudy : thunderstorm at 4 P.M. |
| 25 | 29·810 | 0·139 | 80·4 | 77·9 | 88·0 | 77·2 | 139·1 | 77·2 | 0·924 | 89 | 116 | S by W | 80 | 0·15 | Cloudy : thunderstorm. |
| 26 | 29·762 | 0·110 | 81·5 | 74·9 | 92·6 | 74·5 | 145·1 | 73·3 | 0·778 | 73 | 178 | S W | 58 | ... | Passing clouds : th. and lg. |
| 27 | 29·724 | 0·127 | 83·5 | 78·3 | 91·7 | 76·3 | 147·3 | 75·0 | 0·899 | 77 | 126 | SW by S | 53 | 0·02 | Do. : do. |
| 28 | 29·724 | 0·119 | 83·9 | 76·1 | 93·1 | 77·9 | 147·1 | 75·8 | 0·797 | 68 | 159 | South | 47 | ... | Do. : do. |
| 29 | 29·734 | 0·146 | 82·6 | 76·7 | 92·7 | 75·9 | 148·3 | 75·1 | 0·840 | 75 | 122 | S by W | 55 | ... | Passing clouds. |
| 30 | 29·734 | 0·136 | 83·3 | 76·4 | 91·2 | 75·9 | 145·1 | 74·9 | 0·817 | 71 | 127 | SW by S | 57 | ... | Do. |
| 31 | 29·758 | 0·128 | 83·4 | 77·1 | 90·9 | 78·1 | 148·9 | 74·8 | 0·847 | 74 | 148 | S by W | 58 | ... | Passing clouds : th. and lg. |
| Mean | 29·750 | 0·124 | 82·2 | 77·2 | 91·4 | 77·0 | 140·1 | 75·4 | 0·867 | 79 | 143 | SW by S | 67 | 8·67 | |

# Madras Meteorological Observations. 1887—September.

| September 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | Clouds | Rain | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·755 | 0·150 | 82·1 | 77·1 | 91·4 | 77·1 | 144·1 | 75·9 | 0·865 | 79 | 158 | S by W | 30 | ... | Passing clouds: lg. |
| 2 | 29·784 | 0·092 | 82·6 | 77·2 | 91·7 | 77·0 | 147·5 | 75·6 | 0·862 | 77 | 147 | SW by S | 30 | ... | Passing clouds. |
| 3 | 29·777 | 0·139 | 81·4 | 76·5 | 92·9 | 77·5 | 149·8 | 75·6 | 0·848 | 79 | 133 | S by W | 62 | 0·32 | Passing clouds: thunderstorm. |
| 4 | 29·742 | 0·119 | 81·1 | 76·6 | 89·9 | 74·6 | 140·8 | 74·6 | 0·856 | 80 | 128 | W by S | 53 | 0·24 | Do. : do. |
| 5 | 29·752 | 0·069 | 79·4 | 76·7 | 88·8 | 77·3 | 142·9 | 74·6 | 0·884 | 88 | 132 | SWbyW | 70 | 0·04 | Do. : do. |
| 6 | 29·759 | 0·063 | 78·8 | 76·6 | 87·0 | 74·9 | 90·7 | 73·7 | 0·887 | 90 | 69 | NWbyW | 90 | 0·06 | Cloudy. |
| 7 | 29·759 | 0·088 | 78·3 | 76·2 | 88·1 | 75·3 | 146·3 | 74·7 | 0·877 | 90 | 72 | N W | 90 | 2·07 | Cloudy: rain: lightning. |
| 8 | 29·752 | 0·135 | 80·2 | 77·7 | 90·3 | 76·2 | 145·5 | 74·9 | 0·917 | 89 | 82 | N by W | 87 | 0·34 | Do. : do. : do. |
| 9 | 29·730 | 0·150 | 79·4 | 75·9 | 84·6 | 76·1 | 110·6 | 74·0 | 0·849 | 85 | 154 | W S W | 93 | 0·13 | Overcast: rain. |
| 10 | 29·672 | 0·142 | 82·2 | 75·9 | 90·0 | 77·1 | 130·5 | 74·9 | 0·811 | 74 | 159 | W by S | 75 | ... | Cloudy. |
| 11 | 29·617 | 0·180 | 83·4 | 76·1 | 91·5 | 76·9 | 141·4 | 75·7 | 0·803 | 69 | 248 | W S W | 45 | ... | Passing clouds. |
| 12 | 29·667 | 0·126 | 83·6 | 75·5 | 92·4 | 78·0 | 141·5 | 76·5 | 0·776 | 68 | 181 | W by S | 60 | ... | Do. |
| 13 | 29·731 | 0·129 | 83·6 | 76·6 | 94·0 | 77·9 | 151·1 | 75·2 | 0·822 | 72 | 157 | SW by W | 65 | ... | Do. |
| 14 | 29·714 | 0·153 | 84·5 | 76·0 | 93·6 | 76·3 | 145·7 | 74·6 | 0·784 | 66 | 194 | S W | 35 | ... | Do. |
| 15 | 29·720 | 0·125 | 83·4 | 73·9 | 93·4 | 77·7 | 150·2 | 75·9 | 0·710 | 62 | 224 | W S W | 60 | ... | Do. |
| 16 | 29·764 | 0·142 | 82·7 | 75·9 | 95·2 | 76·6 | 153·6 | 73·0 | 0·804 | 71 | 174 | S S W | 35 | ... | Do. |
| 17 | 29·813 | 0·121 | 82·8 | 75·2 | 94·4 | 77·2 | 147·4 | 75·9 | 0·773 | 69 | 165 | South | 25 | ... | Do. |
| 18 | 29·803 | 0·146 | 84·1 | 77·4 | 91·4 | 77·7 | 151·4 | 76·4 | 0·850 | 73 | 139 | South | 20 | ... | Fine. |
| 19 | 29·796 | 0·158 | 84·7 | 77·5 | 91·3 | 78·4 | 150·9 | 76·4 | 0·847 | 72 | 136 | S by W | 30 | ... | Passing clouds. |
| 20 | 29·767 | 0·148 | 87·0 | 78·5 | 97·0 | 79·7 | 156·1 | 79·0 | 0·858 | 67 | 121 | S by E | 45 | ... | Do. |
| 21 | 29·776 | 0·096 | 81·0 | 76·9 | 90·6 | 78·8 | 149·0 | 76·6 | 0·871 | 83 | 107 | S by W | 75 | 0·07 | Cloudy. |
| 22 | 29·795 | 0·121 | 83·6 | 79·0 | 90·4 | 77·8 | 126·2 | 77·8 | 0·932 | 81 | 89 | W by N | 75 | ... | Do. |
| 23 | 29·808 | 0·102 | 81·9 | 78·1 | 90·7 | 79·8 | 146·2 | 78·4 | 0·914 | 84 | 133 | S W | 67 | 0·02 | Passing clouds: th. and lg. |
| 24 | 29·818 | 0·139 | 79·1 | 76·5 | 92·4 | 76·3 | 148·5 | 74·9 | 0·879 | 89 | 131 | S S W | 68 | 0·07 | Passing clouds: light thunderstorm about 3 P.M. |
| 25 | 29·810 | 0·134 | 78·6 | 76·2 | 90·7 | 75·8 | 141·5 | 75·8 | 0·874 | 89 | 98 | S by W | 50 | 1·77 | Thunderstorm 1·30 to 3 P.M. |
| 26 | 29·801 | 0·142 | 81·0 | 77·1 | 90·1 | 73·3 | 145·0 | 71·8 | 0·879 | 83 | 111 | S S W | 32 | ... | Passing clouds: th. & lg. |
| 27 | 29·847 | 0·155 | 79·8 | 76·4 | 91·2 | 73·0 | 144·5 | 72·0 | 0·865 | 85 | 181 | SW by S | 55 | 2·56 | Heavy thunderstorm at 5 & 7-45 P.M. |
| 28 | 29·864 | 0·121 | 80·9 | 77·7 | 89·8 | 73·2 | 145·6 | 72·8 | 0·907 | 87 | 97 | S S W | 38 | ... | Passing clouds: th. & lg. |
| 29 | 29·886 | 0·120 | 80·2 | 75·8 | 91·4 | 73·2 | 143·7 | 71·8 | 0·833 | 80 | 92 | S W | 57 | 0·01 | Passing clouds. |
| 30 | 29·859 | 0·149 | 82·4 | 79·3 | 94·0 | 74·4 | 145·9 | 73·6 | 0·960 | 87 | 103 | S S W | 60 | ... | Do. |
| Mean | 29·771 | 0·128 | 81·8 | 76·7 | 91·3 | 76·5 | 142·5 | 75·1 | 0·853 | 79 | 137 | S W | 56 | 7·70 | |

# Madras Meteorological Observations. 1887—October.

| October 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·886 | 0·112 | 81·3 | 77·5 | 93·4 | 77·4 | 148·2 | 73·9 | 0·894 | 85 | 116 | S S W | 85 | ... | Cloudy. |
| 2 | 29·868 | 0·135 | 83·4 | 79·1 | 93·7 | 79·3 | 146·2 | 76·7 | 0·937 | 82 | 92 | S by W | 47 | ... | Passing clouds. |
| 3 | 29·820 | 0·152 | 83·1 | 78·6 | 90·5 | 77·6 | 154·4 | 75·4 | 0·918 | 81 | 78 | S S E | 48 | ... | Do. |
| 4 | 29·804 | 0·147 | 83·6 | 77·8 | 92·8 | 74·8 | 153·5 | 74·1 | 0·877 | 77 | 102 | E N E | 30 | ... | Cloudy day : fine night. |
| 5 | 29·781 | 0·149 | 84·5 | 77·9 | 91·7 | 78·4 | 150·8 | 75·5 | 0·867 | 74 | 85 | NE by N | 50 | ... | Passing clouds. |
| 6 | 29·769 | 0·133 | 84·6 | 77·7 | 92·5 | 78·8 | 154·2 | 76·7 | 0·857 | 72 | 76 | E by N | 70 | 0·01 | Cloudy. |
| 7 | 29·814 | 0·153 | 78·4 | 75·9 | 81·4 | 76·9 | 121·4 | 75·7 | 0·862 | 89 | 78 | West | 90 | 0·34 | Cloudy : rain. |
| 8 | 29·785 | 0·128 | 75·5 | 74·7 | 77·7 | 75·8 | 91·2 | 74·9 | 0·848 | 96 | 164 | N N W | 100 | 3·15 | Overcast and stormy : thunderstorm. |
| 9 | 29·701 | 0·040 | 77·2 | 75·5 | 84·1 | 72·8 | 126·7 | 72·7 | 0·862 | 92 | 330 | SW by S | 92 | 4·44 | Cyclone : thunderstorm. |
| 10 | 29·780 | 0·137 | 79·3 | 77·0 | 86·1 | 72·3 | 130·6 | 71·8 | 0·898 | 91 | 160 | South | 73 | 0·67 | Cloudy : thunderstorm. |
| 11 | 29·801 | 0·126 | 80·8 | 77·7 | 87·5 | 75·9 | 146·5 | 74·1 | 0·909 | 87 | 135 | S by E | 45 | ... | Passing clouds. |
| 12 | 29·790 | 0·120 | 82·1 | 78·2 | 88·2 | 77·3 | 144·6 | 75·9 | 0·913 | 83 | 170 | S by E | 30 | ... | Do. |
| 13 | 29·849 | 0·119 | 82·1 | 77·9 | 88·2 | 77·3 | 145·8 | 76·2 | 0·900 | 83 | 197 | S by E | 20 | ... | Fine. |
| 14 | 29·903 | 0·141 | 82·2 | 78·2 | 89·9 | 78·3 | 151·5 | 75·9 | 0·912 | 83 | 121 | South | 30 | ... | Passing clouds. |
| 15 | 29·942 | 0·122 | 81·8 | 78·5 | 89·3 | 76·3 | 141·6 | 74·7 | 0·932 | 85 | 75 | S S E | 35 | ... | Do. |
| 16 | 29·939 | 0·149 | 81·6 | 77·9 | 89·0 | 77·0 | 139·3 | 74·9 | 0·907 | 84 | 47 | E S E | 35 | ... | Do. |
| 17 | 29·924 | 0·126 | 79·6 | 76·0 | 89·8 | 76·7 | 154·5 | 73·3 | 0·851 | 84 | 80 | S S W | 52 | 0·19 | Passing clouds : rain. |
| 18 | 29·886 | 0·097 | 79·6 | 75·3 | 87·1 | 75·0 | 140·8 | 73·7 | 0·821 | 81 | 143 | N by W | 70 | ... | Cloudy. |
| 19 | 29·883 | 0·166 | 79·5 | 74·9 | 89·5 | 72·8 | 144·9 | 69·9 | 0·805 | 80 | 131 | N by E | 75 | ... | Cloudy day : fine night. |
| 20 | 29·895 | 0·108 | 79·7 | 76·4 | 88·0 | 74·0 | 146·6 | 71·1 | 0·868 | 86 | 106 | NE by N | 68 | 0·15 | Passing clouds : thunderstorm. |
| 21 | 29·929 | 0·137 | 75·4 | 74·4 | 77·5 | 74·8 | 89·6 | 73·7 | 0·839 | 95 | 66 | North | 93 | 0·46 | Cloudy : distant th. & lg. : rain. |
| 22 | 29·905 | 0·113 | 78·0 | 76·0 | 83·0 | 73·6 | 142·9 | 72·9 | 0·872 | 91 | 61 | N by W | 72 | 0·63 | Cloudy : thunderstorm. |
| 23 | 29·891 | 0·111 | 80·4 | 76·8 | 87·9 | 74·5 | 145·1 | 72·2 | 0·875 | 85 | 104 | NE by N | 60 | 0·18 | Passing clouds : lg. : rain. |
| 24 | 29·880 | 0·125 | 78·8 | 76·1 | 89·0 | 75·4 | 149·3 | 74·1 | 0·865 | 88 | 109 | North | 73 | 0·24 | Cloudy : thunderstorm. |
| 25 | 29·902 | 0·142 | 78·0 | 75·7 | 84·4 | 73·2 | 140·7 | 72·9 | 0·859 | 90 | 122 | N by E | 85 | 1·42 | Overcast : thunderstorm. |
| 26 | 29·869 | 0·124 | 79·8 | 76·1 | 87·7 | 73·9 | 145·1 | 72·3 | 0·852 | 84 | 129 | N E | 60 | 0·31 | Frequent showers : th. & lg. |
| 27 | 29·858 | 0·136 | 78·3 | 75·7 | 88·4 | 75·0 | 146·0 | 72·9 | 0·855 | 88 | 143 | E N E | 82 | 1·08 | Passing clouds : rain. |
| 28 | 29·874 | 0·130 | 74·0 | 72·9 | 75·1 | 73·8 | 77·5 | 73·5 | 0·796 | 95 | 114 | N E | 100 | 5·75 | Steady rain from 6-30 A.M. : th.-storm. |
| 29 | 29·812 | 0·127 | 74·5 | 73·4 | 76·0 | 73·2 | 82·3 | 72·9 | 0·810 | 95 | 268 | N N E | 100 | 2·97 | Rainy and overcast. |
| 30 | 29·761 | 0·116 | 73·4 | 72·1 | 74·3 | 72·4 | 96·9 | 72·7 | 0·772 | 94 | 269 | N N W | 100 | 2·17 | Rainy till 9 A.M. : overcast. |
| 31 | 29·707 | 0·159 | 74·1 | 72·4 | 75·4 | 72·1 | 93·3 | 71·1 | 0·775 | 92 | 318 | NW by N | 100 | 0·20 | Overcast : rain. |
| Mean | 29·846 | 0·128 | 79·5 | 76·3 | 86·1 | 75·4 | 133·6 | 73·8 | 0·865 | 86 | 135 | E by N | 67 | 24·36 | |

*Note.*—A small but well defined cyclone passed over Madras on the morning of the 9th. The wind changed from N. W. at which it had remained till 4 A.M. through N. to S. S. E. by 6 A.M. and to S. by E. at 7 A.M. The lowest reading of the barometer was 29·46 inches. Continuous rain fell from 7 P.M. on the 8th to 5 A.M. on the 9th, the total fall amounting to nearly 5 inches. The wind velocity did not exceed 21 miles per hour.

# Madras Meteorological Observations. 1887—November.

| November 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·766 | 0·124 | 75·4 | 74·0 | 78·1 | 72·5 | 111·2 | 72·4 | 0·822 | 93 | 174 | N W | 100 | 0·13 | Showers till 6 A.M.: overcast. |
| 2 | 29·812 | 0·122 | 77·8 | 75·3 | 87·0 | 73·1 | 147·6 | 71·6 | 0·845 | 89 | 88 | NW by N | 90 | 0·29 | Cldy: rain with th. & lg. from 9 P.M. |
| 3 | 29·852 | 0·131 | 78·2 | 75·5 | 84·8 | 73·9 | 141·9 | 72·6 | 0·847 | 88 | 70 | N E | 55 | 0·02 | Passing clouds: lg. |
| 4 | 29·908 | 0·140 | 77·4 | 75·7 | 84·6 | 74·1 | 144·5 | 72·8 | 0·868 | 92 | 65 | S S E | 50 | 1·95 | Heavy rain 7 to 9 A.M.: p. cls.: lg. |
| 5 | 29·907 | 0·128 | 79·1 | 76·4 | 87·3 | 74·7 | 148·6 | 72·4 | 0·874 | 88 | 85 | E by S | 68 | 0·34 | Passing clouds: thunderstorm 8 P.M. |
| 6 | 29·897 | 0·122 | 79·6 | 76·5 | 86·2 | 73·9 | 139·2 | 72·0 | 0·873 | 87 | 94 | E by N | 70 | 0·26 | Cloudy with light showers. |
| 7 | 29·890 | 0·117 | 79·2 | 76·1 | 86·4 | 74·3 | 144·9 | 72·6 | 0·860 | 87 | 91 | E N E | 70 | 1·24 | Rainy before noon. |
| 8 | 29·924 | 0·080 | 76·1 | 74·7 | 85·9 | 74·7 | 140·2 | 73·0 | 0·842 | 93 | 140 | N E | 85 | 1·45 | Cloudy and rainy. |
| 9 | 29·907 | 0·105 | 77·1 | 75·7 | 82·2 | 74·5 | 99·2 | 73·4 | 0·871 | 92 | 162 | NE by N | 90 | 1·78 | Do. |
| 10 | 29·880 | 0·125 | 78·6 | 76·6 | 86·9 | 74·1 | 147·2 | 72·6 | 0·890 | 91 | 139 | E N E | 85 | 0·68 | Cloudy with showers. |
| 11 | 29·907 | 0·114 | 80·3 | 77·4 | 82·2 | 75·1 | 145·2 | 73·6 | 0·903 | 87 | 134 | E N E | 55 | 0·15 | Cloudy with light showers. |
| 12 | 29·976 | 0·096 | 79·5 | 75·0 | 86·7 | 76·9 | 141·7 | 73·2 | 0·809 | 80 | 175 | NE by E | 45 | ... | Passing clouds: fine night. |
| 13 | 29·973 | 0·122 | 78·8 | 74·8 | 86·2 | 73·4 | 140·5 | 70·3 | 0·810 | 82 | 116 | N N E | 25 | ... | Fine. |
| 14 | 29·930 | 0·145 | 78·0 | 73·5 | 85·8 | 72·9 | 145·3 | 72·2 | 0·767 | 80 | 129 | N N E | 22 | ... | Do. |
| 15 | 29·943 | 0·119 | 76·9 | 73·0 | 85·1 | 71·9 | 141·4 | 69·0 | 0·760 | 82 | 118 | N by E | 43 | ... | Passing clouds. |
| 16 | 29·928 | 0·142 | 76·1 | 70·4 | 84·2 | 70·4 | 142·8 | 67·6 | 0·668 | 74 | 110 | North | 17 | ... | Fine. |
| 17 | 29·901 | 0·142 | 77·0 | 70·8 | 84·9 | 72·2 | 136·5 | 71·9 | 0·671 | 72 | 109 | North | 20 | ... | Do. |
| 18 | 29·901 | 0·095 | 76·7 | 73·1 | 84·0 | 70·0 | 139·3 | 66·4 | 0·768 | 84 | 140 | N by W | 55 | ... | Passing clouds: th. and lg. |
| 19 | 29·920 | 0·080 | 78·7 | 75·8 | 86·3 | 73·3 | 143·9 | 71·7 | 0·853 | 87 | 98 | N N E | 60 | 0·07 | Passing clouds. |
| 20 | 30·009 | 0·118 | 79·3 | 75·7 | 87·6 | 73·4 | 143·3 | 72·4 | 0·842 | 85 | 145 | NE by N | 55 | 0·53 | Rain before 5 A.M. |
| 21 | 29·964 | 0·134 | 78·5 | 75·3 | 86·4 | 73·4 | 140·4 | 72·1 | 0·835 | 85 | 169 | N by E | 45 | 0·01 | Passing clouds. |
| 22 | 29·976 | 0·120 | 80·0 | 74·4 | 86·5 | 74·9 | 143·6 | 72·6 | 0·777 | 76 | 220 | N N E | 50 | 0·03 | Do. |
| 23 | 29·972 | 0·109 | 75·3 | 74·0 | 77·8 | 73·4 | 84·4 | 71·6 | 0·824 | 94 | 129 | N N E | 92 | 1·27 | Rainy 6-30 to 10 A.M.: th. and lg. |
| 24 | 29·963 | 0·094 | 75·9 | 74·1 | 81·4 | 72·5 | 94·3 | 72·4 | 0·820 | 92 | 143 | N E | 95 | 1·19 | Cloudy and rainy. |
| 25 | 29·967 | 0·117 | 76·4 | 74·8 | 85·4 | 72·0 | 144·3 | 71·8 | 0·842 | 93 | 126 | E N E | 93 | 1·69 | Do. |
| 26 | 30·006 | 0·122 | 77·2 | 74·3 | 84·9 | 74·1 | 135·1 | 72·7 | 0·811 | 86 | 179 | NE by E | 88 | 0·49 | Rainy till 3 A.M.: cloudy. |
| 27 | 29·994 | 0·123 | 79·4 | 73·7 | 86·1 | 76·5 | 142·5 | 74·2 | 0·756 | 75 | 248 | N E | 45 | ... | Passing clouds. |
| 28 | 29·968 | 0·105 | 74·3 | 68·6 | 82·7 | 69·2 | 142·3 | 65·6 | 0·624 | 73 | 149 | N N E | 35 | ... | Do. |
| 29 | 29·978 | 0·097 | 73·9 | 68·6 | 83·2 | 66·0 | 140·7 | 62·8 | 0·629 | 75 | 139 | N by E | 35 | ... | Do. |
| 30 | 29·981 | 0·106 | 76·4 | 71·2 | 84·7 | 69·9 | 137·3 | 67·7 | 0·695 | 76 | 113 | N N E | 35 | ... | Do. |
| Mean | 29·930 | 0·116 | 77·6 | 74·2 | 84·7 | 73·0 | 136·3 | 71·2 | 0·802 | 85 | 133 | NE by N | 59 | 13·57 | |

## Madras Meteorological Observations. 1887—December.

| December 1887 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·967 | 0·122 | 76·3 | 72·5 | 83·3 | 70·2 | 144·1 | 67·1 | 0·749 | 83 | 161 | N by E | 37 | ... | Passing clouds. |
| 2 | 29·943 | 0·110 | 77·3 | 71·2 | 83·6 | 71·5 | 139·9 | 69·7 | 0·683 | 77 | 232 | N N E | 45 | 0·15 | Passing clouds : rain. |
| 3 | 29·929 | 0·129 | 74·6 | 68·8 | 82·4 | 68·6 | 140·7 | 64·2 | 0·628 | 73 | 199 | North | 35 | ... | Passing clouds. |
| 4 | 29·923 | 0·102 | 73·5 | 70·0 | 79·4 | 69·7 | 141·5 | 66·7 | 0·688 | 83 | 207 | N by W | 80 | 0·13 | Cloudy : light showers. |
| 5 | 29·918 | 0·096 | 74·2 | 72·4 | 77·5 | 71·6 | 117·9 | 71·3 | 0·772 | 91 | 251 | N N W | 90 | 1·29 | Rainy till daylight. |
| 6 | 29·929 | 0·111 | 75·2 | 73·8 | 83·9 | 73·1 | 140·9 | 72·1 | 0·816 | 93 | 221 | N N E | 83 | 2·65 | Heavy rain. |
| 7 | 29·964 | 0·129 | 76·7 | 74·5 | 82·3 | 72·2 | 122·6 | 71·3 | 0·826 | 90 | 144 | E N E | 87 | 0·26 | Showery till 3 A.M. : cloudy. |
| 8 | 29·980 | 0·101 | 73·8 | 73·1 | 78·3 | 71·7 | 120·7 | 71·1 | 0·807 | 97 | 87 | E N E | 98 | 3·80 | Heavy rain till 8-30 A.M. |
| 9 | 29·952 | 0·104 | 77·3 | 74·8 | 85·1 | 73·0 | 139·6 | 70·7 | 0·830 | 89 | 203 | N E | 77 | 0·78 | Cloudy : rain morning and night. |
| 10 | 29·965 | 0·105 | 75·9 | 72·9 | 79·9 | 73·9 | 98·5 | 73·7 | 0·770 | 86 | 181 | NE by N | 92 | 0·29 | Overcast with showers. |
| 11 | 29·950 | 0·119 | 75·8 | 71·4 | 83·4 | 70·1 | 140·7 | 67·7 | 0·711 | 79 | 168 | N N E | 53 | ... | Passing clouds. |
| 12 | 29·965 | 0·120 | 77·5 | 72·4 | 83·4 | 73·4 | 137·9 | 72·9 | 0·729 | 77 | 216 | N N E | 45 | ... | Do. |
| 13 | 30·000 | 0·112 | 75·1 | 71·2 | 82·4 | 70·4 | 129·6 | 67·7 | 0·712 | 82 | 149 | N N E | 52 | 0·02 | Do. |
| 14 | 30·005 | 0·135 | 74·1 | 69·0 | 82·8 | 67·2 | 138·5 | 63·7 | 0·642 | 76 | 179 | N N E | 14 | ... | Fine. |
| 15 | 29·969 | 0·150 | 74·7 | 69·0 | 82·3 | 67·0 | 132·6 | 62·7 | 0·634 | 73 | 180 | N N E | 30 | ... | Passing clouds. |
| 16 | 29·980 | 0·093 | 75·1 | 70·1 | 82·2 | 68·3 | 140·6 | 65·6 | 0·671 | 77 | 186 | N by E | 52 | ... | Do. |
| 17 | 30·001 | 0·106 | 75·7 | 69·8 | 82·8 | 72·4 | 141·0 | 68·6 | 0·651 | 73 | 271 | N N E | 53 | ... | Do. |
| 18 | 29·982 | 0·128 | 72·8 | 68·5 | 82·4 | 67·9 | 141·4 | 65·6 | 0·641 | 80 | 175 | N N E | 72 | ... | Do. |
| 19 | 29·956 | 0·139 | 73·1 | 68·9 | 79·8 | 69·9 | 121·7 | 63·4 | 0·652 | 80 | 185 | N N E | 55 | ... | Do. |
| 20 | 29·891 | 0·136 | 72·3 | 68·3 | 79·8 | 69·3 | 136·3 | 68·4 | 0·640 | 81 | 234 | North | 83 | ... | Cloudy. |
| 21 | 29·905 | 0·095 | 73·3 | 69·6 | 76·4 | 70·7 | 94·5 | 69·8 | 0·675 | 82 | 174 | N by E | 100 | 0·01 | Overcast. |
| 22 | 29·938 | 0·116 | 75·1 | 73·2 | 79·8 | 72·1 | 118·5 | 70·2 | 0·793 | 91 | 191 | N N E | 100 | 0·57 | Overcast with rain. |
| 23 | 29·955 | 0·108 | 76·4 | 71·8 | 83·3 | 73·7 | 143·5 | 70·6 | 0·720 | 79 | 237 | NE by N | 75 | ... | Cloudy. |
| 24 | 29·925 | 0·087 | 74·4 | 71·0 | 83·2 | 68·7 | 139·3 | 64·4 | 0·714 | 84 | 183 | N N E | 75 | ... | Do. |
| 25 | 29·909 | 0·133 | 72·5 | 71·7 | 73·8 | 70·8 | 80·5 | 70·5 | 0·767 | 96 | 228 | N by E | 100 | 1·06 | Overcast and rainy. |
| 26 | 29·935 | 0·093 | 76·5 | 74·6 | 83·5 | 72·9 | 140·2 | 72·6 | 0·832 | 91 | 289 | E N E | 82 | 0·08 | Cloudy. |
| 27 | 29·973 | 0·103 | 77·5 | 75·4 | 84·1 | 74·1 | 137·8 | 72·6 | 0·854 | 91 | 275 | E N E | 80 | 0·81 | Cloudy : rain. |
| 28 | 29·965 | 0·112 | 77·5 | 74·5 | 84·6 | 74·9 | 143·9 | 72·2 | 0·815 | 86 | 257 | E N E | 85 | 0·05 | Cloudy. |
| 29 | 29·984 | 0·106 | 77·7 | 74·0 | 84·4 | 74·0 | 136·3 | 70·8 | 0·791 | 83 | 174 | E N E | 50 | ... | Passing clouds. |
| 30 | 30·034 | 0·108 | 77·5 | 74·1 | 83·8 | 75·1 | 141·7 | 73·0 | 0·798 | 84 | 183 | NE by E | 63 | ... | Do. |
| 31 | 30·032 | 0·148 | 75·9 | 72·2 | 84·0 | 71·3 | 138·5 | 68·6 | 0·741 | 83 | 124 | N E | 42 | ... | Do. |
| Mean | 29·959 | 0·115 | 75·3 | 71·8 | 81·9 | 71·3 | 131·7 | 69·0 | 0·734 | 84 | 198 | N N E | 67 | 11·95 | |

## Madras Mean Monthly and Annual Meteorological Results in 1887.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·932 | 0·133 | 74·9 | 85·4 | 66·9 | 18·5 | 70·2 | 66·1 | 0·678 | 78 | 141·6 | 63·4 | 117 | 7 | E by N | 0·01 | 1 | 63 |
| February | 29·972 | 0·135 | 75·8 | 86·8 | 65·9 | 20·9 | 70·3 | 65·1 | 0·671 | 75 | 143·2 | 62·4 | 121 | 7 | E by N | ... | ... | 81 |
| March | 29·864 | 0·137 | 79·9 | 89·2 | 71·6 | 17·6 | 74·8 | 70·2 | 0·796 | 78 | 143·0 | 68·8 | 179 | 13 | S E by S | 0·30 | 2 | 79 |
| April | 29·832 | 0·132 | 83·7 | 91·5 | 76·6 | 14·9 | 78·9 | 75·1 | 0·923 | 80 | 145·9 | 74·1 | 169 | 12 | S E | ... | ... | 73 |
| May | 29·713 | 0·129 | 88·4 | 99·3 | 82·4 | 16·9 | 79·4 | 76·0 | 0·883 | 66 | 148·1 | 81·0 | 236 | 17 | S by W | 0·06 | 2 | 55 |
| June | 29·707 | 0·129 | 85·8 | 96·7 | 79·4 | 17·3 | 78·2 | 74·9 | 0·868 | 71 | 143·7 | 78·2 | 215 | 20 | S W | 0·63 | 9 | 42 |
| July | 29·731 | 0·126 | 85·1 | 94·4 | 78·8 | 15·6 | 76·9 | 73·9 | 0·815 | 68 | 137·6 | 76·8 | 205 | 21 | S W by W | 2·99 | 11 | 30 |
| August | 29·750 | 0·124 | 82·2 | 91·4 | 77·0 | 14·4 | 77·2 | 74·5 | 0·867 | 79 | 140·1 | 75·4 | 143 | 19 | S W by S | 8·67 | 10 | 33 |
| September | 29·771 | 0·128 | 81·8 | 91·3 | 76·5 | 14·8 | 76·7 | 73·6 | 0·853 | 79 | 142·5 | 75·1 | 137 | 20 | S W | 7·70 | 13 | 44 |
| October | 29·846 | 0·128 | 79·5 | 86·1 | 75·4 | 10·7 | 76·3 | 74·2 | 0·865 | 86 | 133·6 | 73·8 | 135 | 7 | E by N | 24·36 | 18 | 33 |
| November | 29·930 | 0·116 | 77·6 | 84·7 | 73·0 | 11·7 | 74·2 | 71·9 | 0·802 | 85 | 136·3 | 71·2 | 133 | 3 | N E by N | 13·57 | 19 | 41 |
| December | 29·959 | 0·115 | 75·3 | 81·9 | 71·2 | 10·7 | 71·8 | 69·6 | 0·734 | 84 | 131·7 | 69·0 | 198 | 2 | N N E | 11·95 | 15 | 33 |
| Annual | 29·834 | 0·128 | 80·8 | 89·9 | 74·6 | 15·3 | 75·4 | 72·1 | 0·813 | 77 | 140·6 | 72·4 | 166 | 12 | S E | 70·24 | 100 | 51 |

## Madras Extreme Monthly Meteorological Records in 1887.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·066 | 12 | 29·784 | 21 | 0·282 | 90·5 | 30 | 62·4 | 26 | 61·6 | 26 | 53 | 24 | 145·4 | 30 | 59·0 | 26 | 225 | 3 | 59 | 9 | 0·01 | 2 |
| February | 30·194 | 15 | 29·737 | 28 | 0·457 | 92·1 | 26 | 60·6 | 22 | 60·2 | 22 | 44 | 28 | 153·4 | 21 | 57·0 | 22 | 199 | 19 | 56 | 4 | ... | ... |
| March | 30·019 | 3 | 29·688 | 28 | 0·321 | 94·7 | 6 | 65·9 | 6 | 62·0 | 6 | 42 | 6 | 159·9 | 20 | 62·4 | 6 | 266 | 29 | 115 | 20 | 0·29 | 22 |
| April | 29·992 | 6 | 29·635 | 22 | 0·357 | 94·1 | 28 | 74·1 | 14 | 72·8 | 3 | 59 | 9 | 150·6 | 22 | 68·2 | 17 | 260 | 30 | 111 | 26 | ... | ... |
| May | 29·873 | 5 | 29·546 | 25 | 0·327 | 106·7 | 17 | 76·0 | 5 | 71·8 | 6 | 33 | 22 | 155·6 | 18 | 71·9 | 5 | 276 | 18 | 187 | 10 | 0·05 | 5 |
| June | 29·815 | 16 | 29·575 | 6 | 0·240 | 102·3 | 23 | 75·3 | 21 | 72·0 | 12 | 39 | 17 | 158·0 | 16 | 74·6 | 28 | 327 | 14 | 116 | 24 | 0·13 | 18 |
| July | 29·855 | 8 | 29·593 | 25 | 0·262 | 101·5 | 26 | 74·9 | 6 | 70·0 | 10 | 43 | 15 | 151·7 | 28 | 67·8 | 20 | 268 | 14 | 87 | 20 | 1·76 | 1 |
| August | 29·874 | 25 | 29·574 | 18 | 0·300 | 97·6 | 4 | 73·9 | 24 | 71·1 | 27 | 51 | 22 | 152·1 | 6 | 72·7 | 9 | 210 | 4 | 75 | 10 | 2·80 | 14 |
| September | 29·945 | 29 | 29·524 | 11 | 0·421 | 97·0 | 20 | 73·0 | 27 | 68·4 | 15 | 45 | 14 | 156·1 | 20 | 71·8 | 26 | 248 | 11 | 69 | 6 | 2·56 | 27 |
| October | 30·013 | 16 | 29·620 | 31 | 0·393 | 93·7 | 2 | 72·1 | 31 | 70·9 | 31 | 58 | 4 | 154·5 | 17 | 69·9 | 19 | 330 | 9 | 47 | 16 | 5·75 | 28 |
| November | 30·068 | 20 | 29·704 | 1 | 0·364 | 87·6 | 20 | 66·0 | 29 | 63·0 | 29 | 57 | 16 | 148·7 | 29 | 62·8 | 29 | 248 | 27 | 70 | 3 | 1·95 | 4 |
| December | 30·112 | 31 | 29·833 | 20 | 0·279 | 85·1 | 9 | 66·9 | 19 | 65·7 | 15 | 60 | 2 | 144·1 | 1 | 62·7 | 15 | 289 | 26 | 87 | 8 | 3·80 | 8 |

# Madras Meteorological Observations. 1888—January.

| January 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·033 | 0·088 | 75·4 | 71·9 | 84·8 | 69·0 | 140·0 | 64·2 | 0·736 | 84 | 86 | NE by N | 40 | ... | Passing clouds. |
| 2 | 30·025 | 0·139 | 76·5 | 71·9 | 84·0 | 69·2 | 140·9 | 65·2 | 0·721 | 79 | 111 | NE by E | 47 | ... | Do. |
| 3 | 30·012 | 0·111 | 77·9 | 73·0 | 84·1 | 73·0 | 140·9 | 68·7 | 0·747 | 78 | 162 | NE by E | 45 | ... | Do. |
| 4 | 30·049 | 0·111 | 76·6 | 73·5 | 85·1 | 70·7 | 141·0 | 67·3 | 0·785 | 86 | 143 | E N E | 63 | 0·03 | Do. |
| 5 | 30·063 | 0·100 | 76·8 | 74·0 | 81·4 | 74·2 | 125·1 | 71·7 | 0·803 | 87 | 129 | N E | 55 | 0·02 | Cloudy. |
| 6 | 30·093 | 0·100 | 75·5 | 73·5 | 81·6 | 73·1 | 124·4 | 70·7 | 0·800 | 91 | 112 | NE by N | 67 | 0·66 | Rain before 11 A.M. : fine night. |
| 7 | 30·082 | 0·116 | 76·7 | 72·5 | 83·3 | 69·9 | 131·1 | 66·9 | 0·744 | 81 | 162 | N N E | 50 | 0·01 | Passing clouds. |
| 8 | 30·059 | 0·120 | 76·1 | 72·3 | 84·1 | 69·6 | 138·9 | 66·9 | 0·743 | 83 | 148 | NE by N | 55 | ... | Do. |
| 9 | 30·037 | 0·106 | 76·7 | 69·1 | 83·4 | 72·2 | 138·4 | 67·7 | 0·610 | 67 | 222 | N E | 32 | ... | Do. |
| 10 | 30·041 | 0·102 | 74·1 | 67·5 | 83·1 | 70·0 | 142·7 | 63·9 | 0·587 | 70 | 140 | NE by N | 28 | ... | Do. |
| 11 | 30·042 | 0·103 | 72·5 | 67·2 | 82·9 | 65·6 | 142·0 | 61·9 | 0·597 | 75 | 105 | NE by N | 15 | ... | Fine. |
| 12 | 30·014 | 0·074 | 72·3 | 67·1 | 82·8 | 64·7 | 138·4 | 59·9 | 0·595 | 75 | 95 | NE by N | 20 | ... | Do. |
| 13 | 29·978 | 0·103 | 71·3 | 66·7 | 82·5 | 63·5 | 140·2 | 59·9 | 0·595 | 78 | 78 | N E | 37 | ... | Passing clouds. |
| 14 | 29·979 | 0·091 | 72·7 | 67·1 | 82·9 | 63·4 | 135·4 | 58·9 | 0·590 | 74 | 108 | NE by E | 15 | ... | Fine. |
| 15 | 29·985 | 0·109 | 73·1 | 68·0 | 84·5 | 63·8 | 144·9 | 59·1 | 0·618 | 76 | 100 | N E | 38 | ... | Passing clouds. |
| 16 | 29·989 | 0·122 | 72·6 | 68·4 | 83·2 | 66·4 | 143·2 | 62·4 | 0·639 | 80 | 98 | NE by N | 37 | ... | Do. |
| 17 | 30·003 | 0·103 | 72·9 | 67·2 | 84·6 | 64·3 | 140·8 | 59·4 | 0·591 | 73 | 86 | NE by N | 35 | ... | Do. |
| 18 | 30·028 | 0·099 | 72·4 | 66·6 | 84·1 | 62·3 | 141·4 | 57·4 | 0·575 | 73 | 101 | NE by N | 20 | ... | Fine. |
| 19 | 30·040 | 0·085 | 72·9 | 68·5 | 83·6 | 64·4 | 141·0 | 59·2 | 0·639 | 79 | 105 | NE by N | 30 | ... | Passing clouds. |
| 20 | 30·020 | 0·105 | 73·8 | 70·3 | 84·2 | 65·2 | 147·2 | 60·4 | 0·696 | 83 | 97 | N E | 20 | ... | Fine. |
| 21 | 30·037 | 0·098 | 74·2 | 67·4 | 84·7 | 66·3 | 138·4 | 60·8 | 0·581 | 69 | 137 | N E | 33 | ... | Passing clouds. |
| 22 | 30·006 | 0·122 | 74·5 | 68·6 | 84·8 | 66·7 | 138·6 | 62·6 | 0·624 | 73 | 92 | E N E | 27 | ... | Fine. |
| 23 | 30·039 | 0·127 | 74·6 | 69·5 | 84·5 | 66·0 | 146·2 | 60·4 | 0·657 | 77 | 102 | E N E | 15 | ... | Do. |
| 24 | 30·042 | 0·095 | 73·7 | 68·1 | 83·2 | 65·2 | 141·0 | 60·7 | 0·614 | 74 | 57 | East | 20 | ... | Do. |
| 25 | 30·023 | 0·122 | 73·1 | 68·4 | 84·2 | 65·2 | 141·8 | 60·5 | 0·634 | 77 | 63 | East | 25 | ... | Passing clouds. |
| 26 | 29·987 | 0·101 | 73·1 | 69·3 | 82·7 | 66·1 | 141·0 | 60·4 | 0·667 | 82 | 97 | S E | 33 | ... | Do. |
| 27 | 29·928 | 0·138 | 75·4 | 71·8 | 87·3 | 66·1 | 145·0 | 60·4 | 0·733 | 84 | 133 | S S E | 27 | ... | Do. |
| 28 | 29·930 | 0·085 | 78·3 | 74·4 | 88·7 | 73·6 | 140·4 | 69·4 | 0·799 | 82 | 124 | South | 20 | ... | Fine. |
| 29 | 29·995 | 0·052 | 77·9 | 73·4 | 87·8 | 72·0 | 142·0 | 66·2 | 0·764 | 80 | 92 | East | 40 | ... | Passing clouds. |
| 30 | 30·058 | 0·090 | 76·9 | 72·2 | 86·5 | 69·3 | 146·4 | 65·4 | 0·728 | 78 | 87 | E by N | 38 | ... | Do. |
| 31 | 30·075 | 0·112 | 76·5 | 70·4 | 86·6 | 68·3 | 145·0 | 64·5 | 0·663 | 73 | 120 | E by N | 30 | ... | Do. |
| Mean | 30·022 | 0·104 | 74·7 | 70·0 | 84·2 | 67·7 | 140·1 | 63·3 | 0·673 | 79 | 113 | NE by E | 34 | 0·72 | |

# Madras Meteorological Observations. 1888—February.

| February 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·057 | 0·117 | 75·8 | 71·3 | 85·6 | 68·4 | 142·3 | 63·7 | 0·708 | 79 | 115 | E N E | 35 | ... | Passing clouds. |
| 2 | 30·099 | 0·088 | 76·6 | 70·1 | 85·2 | 67·2 | 145·5 | 63·0 | 0·650 | 71 | 95 | E by N | 20 | ... | Fine. |
| 3 | 30·112 | 0·136 | 75·0 | 69·6 | 85·1 | 68·3 | 141·5 | 63·8 | 0·652 | 75 | 76 | East | 25 | ... | Do. |
| 4 | 30·079 | 0·130 | 74·7 | 69·4 | 85·2 | 66·3 | 140·3 | 61·7 | 0·649 | 74 | 66 | East | 15 | ... | Do. |
| 5 | 30·063 | 0·116 | 73·5 | 68·3 | 84·6 | 65·3 | 142·3 | 60·4 | 0·624 | 76 | 71 | SE by E | 20 | ... | Do. |
| 6 | 30·082 | 0·120 | 73·3 | 67·9 | 86·1 | 64·2 | 140·9 | 58·9 | 0·613 | 74 | 73 | SE by S | 18 | ... | Do. |
| 7 | 30·063 | 0·118 | 73·8 | 68·9 | 86·4 | 64·8 | 139·7 | 59·5 | 0·642 | 76 | 105 | S S E | 15 | ... | Do. |
| 8 | 30·000 | 0·116 | 74·7 | 68·2 | 86·4 | 63·5 | 141·3 | 58·5 | 0·604 | 70 | 109 | SE by S | 15 | ... | Do. |
| 9 | 29·964 | 0·106 | 74·7 | 70·3 | 83·5 | 66·0 | 139·1 | 60·7 | 0·683 | 79 | 150 | S S E | 15 | ... | Do. |
| 10 | 29·933 | 0·128 | 75·9 | 71·3 | 85·0 | 67·0 | 139·3 | 62·4 | 0·707 | 80 | 156 | S S E | 20 | ... | Do. |
| 11 | 29·934 | 0·153 | 76·4 | 71·8 | 84·5 | 67·8 | 141·1 | 64·7 | 0·718 | 79 | 130 | S S E | 25 | ... | Do. |
| 12 | 29·938 | 0·120 | 77·0 | 71·4 | 84·7 | 68·3 | 137·3 | 64·5 | 0·695 | 74 | 137 | S S E | 17 | ... | Do. |
| 13 | 29·940 | 0·108 | 76·4 | 71·2 | 84·5 | 69·1 | 141·0 | 64·7 | 0·695 | 77 | 141 | SE by S | 18 | ... | Do. |
| 14 | 29·918 | 0·119 | 76·3 | 71·9 | 85·2 | 67·4 | 138·9 | 63·5 | 0·724 | 79 | 124 | SE by S | 17 | ... | Do. |
| 15 | 29·888 | 0·126 | 76·7 | 72·4 | 85·2 | 69·8 | 139·4 | 65·6 | 0·739 | 81 | 140 | S S E | 20 | ... | Do. |
| 16 | 29·897 | 0·124 | 77·2 | 73·1 | 85·4 | 69·2 | 138·6 | 64·6 | 0·761 | 82 | 145 | S S E | 15 | ... | Do. |
| 17 | 29·887 | 0·106 | 77·9 | 73·9 | 87·9 | 70·7 | 141·1 | 66·8 | 0·784 | 82 | 162 | S S E | 10 | ... | Do. |
| 18 | 29·937 | 0·119 | 79·8 | 75·4 | 86·5 | 73·1 | 139·1 | 69·1 | 0·822 | 80 | 156 | SE by S | 10 | ... | Do. |
| 19 | 29·955 | 0·118 | 79·6 | 76·0 | 86·8 | 73·8 | 138·9 | 71·0 | 0·851 | 85 | 140 | SE by S | 35 | ... | Passing clouds. |
| 20 | 29·978 | 0·089 | 78·6 | 73·8 | 86·3 | 72·1 | 141·0 | 68·2 | 0·771 | 79 | 105 | E S E | 30 | ... | Do. |
| 21 | 30·012 | 0·075 | 78·5 | 73·3 | 87·4 | 71·0 | 143·8 | 66·8 | 0·751 | 78 | 119 | E by S | 25 | ... | Fine. |
| 22 | 29·999 | 0·113 | 79·0 | 73·4 | 86·3 | 72·4 | 146·6 | 69·0 | 0·749 | 76 | 113 | East | 25 | ... | Do. |
| 23 | 29·981 | 0·115 | 76·6 | 71·1 | 86·8 | 69·6 | 146·8 | 65·1 | 0·689 | 75 | 84 | E by S | 20 | ... | Do. |
| 24 | 29·986 | 0·098 | 76·4 | 71·5 | 87·2 | 67·6 | 147·2 | 64·0 | 0·707 | 77 | 98 | E by S | 35 | ... | Passing clouds. |
| 25 | 30·028 | 0·093 | 77·7 | 71·8 | 86·6 | 69·4 | 141·2 | 64·8 | 0·702 | 74 | 78 | East | 25 | ... | Fine. |
| 26 | 30·042 | 0·105 | 78·8 | 72·9 | 88·2 | 69·6 | 141·9 | 65·0 | 0·730 | 74 | 88 | E N E | 15 | ... | Do. |
| 27 | 29·979 | 0·107 | 78·6 | 72·3 | 88·2 | 69·4 | 143·1 | 65·0 | 0·710 | 73 | 97 | NE by E | 40 | ... | Passing clouds. |
| 28 | 29·956 | 0·108 | 78·3 | 71·4 | 87·2 | 70·4 | 146·6 | 65·1 | 0·677 | 70 | 83 | E by N | 32 | ... | Do. |
| 29 | 29·962 | 0·094 | 77·0 | 71·5 | 87·2 | 67·6 | 146·6 | 63·8 | 0·699 | 75 | 70 | East | 20 | ... | Fine. |
| Mean | 29·989 | 0·113 | 76·7 | 71·6 | 86·0 | 68·6 | 141·8 | 64·3 | 0·707 | 77 | 111 | SE by E | 22 | Nil. | |

# Madras Meteorological Observations. 1888—March.

| March 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·980 | 0·100 | 77·4 | 72·5 | 88·0 | 69·0 | 141·6 | 65·2 | 0·733 | 78 | 79 | E by S | 20 | ... | Fine. |
| 2 | 29·952 | 0·109 | 78·1 | 72·9 | 89·1 | 69·2 | 141·5 | 65·9 | 0·740 | 77 | 85 | SE by E | 7 | ... | Do. |
| 3 | 29·950 | 0·130 | 78·4 | 74·1 | 87·1 | 70·8 | 140·9 | 66·5 | 0·786 | 81 | 117 | SE by S | 15 | ... | Do. |
| 4 | 29·972 | 0·099 | 78·3 | 72·5 | 87·6 | 70·4 | 141·0 | 66·4 | 0·721 | 75 | 79 | S E | 20 | ... | Do. |
| 5 | 29·966 | 0·122 | 76·2 | 70·9 | 86·5 | 68·4 | 149·1 | 64·6 | 0·687 | 75 | 78 | SE by E | 20 | ... | Do. |
| 6 | 29·965 | 0·101 | 76·5 | 70·4 | 86·4 | 68·5 | 142·7 | 64·7 | 0·663 | 73 | 80 | E S E | 12 | ... | Do. |
| 7 | 29·965 | 0·131 | 77·8 | 71·6 | 86·7 | 69·2 | 149·3 | 65·5 | 0·693 | 73 | 75 | SE by E | 28 | ... | Do. |
| 8 | 29·935 | 0·115 | 78·2 | 71·9 | 87·6 | 68·5 | 147·6 | 65·3 | 0·697 | 72 | 117 | S E | 35 | ... | Passing clouds. |
| 9 | 29·907 | 0·138 | 78·7 | 72·8 | 87·7 | 70·5 | 141·1 | 65·5 | 0·728 | 74 | 107 | E S E | 27 | ... | Do. |
| 10 | 29·892 | 0·121 | 80·9 | 76·3 | 88·0 | 73·7 | 143·1 | 71·7 | 0·846 | 80 | 131 | S E | 30 | ... | Do. |
| 11 | 29·901 | 0·129 | 81·2 | 76·2 | 89·3 | 74·5 | 149·1 | 71·5 | 0·837 | 78 | 143 | S S E | 25 | ... | Fine. |
| 12 | 29·920 | 0·079 | 80·0 | 75·1 | 88·3 | 73·6 | 141·9 | 70·4 | 0·806 | 78 | 159 | SE by S | 5 | ... | Do. |
| 13 | 29·997 | 0·103 | 79·1 | 73·3 | 88·2 | 72·2 | 141·7 | 67·5 | 0·743 | 75 | 146 | SE by S | 25 | ... | Do. |
| 14 | 29·996 | 0·141 | 78·5 | 72·5 | 87·3 | 69·9 | 140·4 | 67·1 | 0·719 | 74 | 104 | S E | 10 | ... | Do. |
| 15 | 29·905 | 0·145 | 79·3 | 73·4 | 88·5 | 69·3 | 141·3 | 66·3 | 0·744 | 74 | 157 | S S E | 13 | ... | Do. |
| 16 | 29·873 | 0·119 | 80·8 | 76·0 | 92·3 | 73·3 | 144·8 | 70·8 | 0·834 | 80 | 163 | S S E | 15 | ... | Do. |
| 17 | 29·913 | 0·102 | 81·0 | 75·9 | 89·7 | 73·2 | 147·8 | 69·8 | 0·827 | 78 | 177 | S S E | 20 | ... | Do. |
| 18 | 29·949 | 0·124 | 80·8 | 75·5 | 89·2 | 73·7 | 144·1 | 70·2 | 0·813 | 78 | 133 | SE by S | 17 | ... | Do. |
| 19 | 29·943 | 0·088 | 78·9 | 73·6 | 88·5 | 71·1 | 142·2 | 67·7 | 0·759 | 78 | 91 | SE by E | 10 | ... | Do. |
| 20 | 29·961 | 0·110 | 80·0 | 74·3 | 89·3 | 72·5 | 139·5 | 67·8 | 0·773 | 76 | 79 | E S E | 48 | ... | Passing clouds. |
| 21 | 29·934 | 0·118 | 78·5 | 74·0 | 89·9 | 72·0 | 143·8 | 68·1 | 0·780 | 80 | 76 | SE by E | 32 | ... | Do. |
| 22 | 29·895 | 0·099 | 79·2 | 73·7 | 89·3 | 68·7 | 139·2 | 64·0 | 0·759 | 76 | 120 | S S E | 18 | ... | Fine. |
| 23 | 29·884 | 0·120 | 79·9 | 75·2 | 91·3 | 72·4 | 141·8 | 68·8 | 0·812 | 80 | 163 | S S E | 5 | ... | Do. |
| 24 | 29·855 | 0·129 | 81·7 | 76·8 | 89·3 | 74·3 | 140·0 | 70·8 | 0·857 | 79 | 206 | S by E | 0 | ... | Do. |
| 25 | 29·823 | 0·142 | 83·6 | 76·9 | 91·4 | 76·5 | 140·8 | 74·0 | 0·835 | 73 | 209 | S by E | 0 | ... | Do. |
| 26 | 29·864 | 0·132 | 82·4 | 77·6 | 91·7 | 77·7 | 144·9 | 75·2 | 0·883 | 79 | 209 | S S E | 10 | ... | Do. |
| 27 | 29·865 | 0·113 | 80·9 | 76·0 | 89·2 | 72·5 | 142·0 | 68·7 | 0·832 | 78 | 166 | SE by S | 7 | ... | Clear. |
| 28 | 29·905 | 0·116 | 81·3 | 77·3 | 89·4 | 74·5 | 143·1 | 70·8 | 0·884 | 83 | 159 | S S E | 20 | ... | Fine. |
| 29 | 29·933 | 0·131 | 82·3 | 77·5 | 89·3 | 75·3 | 142·8 | 72·8 | 0·880 | 79 | 163 | S S E | 20 | ... | Do. |
| 30 | 29·863 | 0·135 | 83·4 | 77·8 | 90·3 | 75·1 | 141·0 | 71·6 | 0·879 | 77 | 191 | S S E | 0 | ... | Clear. |
| 31 | 29·818 | 0·108 | 84·2 | 78·2 | 90·7 | 77·5 | 145·2 | 74·8 | 0·885 | 75 | 211 | S S E | 5 | ... | Do. |
| Mean | 29·919 | 0·117 | 79·9 | 74·6 | 88·9 | 72·2 | 143·1 | 68·7 | 0·788 | 77 | 135 | SE by S | 17 | *Nil.* | |

# Madras Meteorological Observations. 1888—April.

| April 1888 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·856 | 0·126 | 83·1 | 79·4 | 91·3 | 78·8 | 139·5 | 77·0 | 0·954 | 84 | 194 | SE by S | 32 | ... | Passing clouds. |
| 2 | 29·871 | 0·132 | 81·9 | 76·9 | 88·8 | 75·6 | 141·2 | 72·8 | 0·859 | 79 | 151 | S S E | 30 | ... | Do. |
| 3 | 29·839 | 0·127 | 81·0 | 76·2 | 89·9 | 72·2 | 141·9 | 68·8 | 0·840 | 80 | 154 | S S E | 10 | ... | Fine. |
| 4 | 29·803 | 0·142 | 81·8 | 75·9 | 93·3 | 72·9 | 146·3 | 69·0 | 0·816 | 76 | 178 | S S E | 15 | ... | Do. |
| 5 | 29·797 | 0·116 | 83·0 | 78·0 | 89·7 | 75·2 | 148·1 | 72·9 | 0·893 | 79 | 205 | S S E | 15 | ... | Do. |
| 6 | 29·809 | 0·134 | 82·4 | 77·8 | 89·2 | 75·6 | 144·5 | 72·8 | 0·892 | 81 | 187 | S S E | 25 | ... | Do. |
| 7 | 29·809 | 0·135 | 83·2 | 78·0 | 90·8 | 76·4 | 143·5 | 73·6 | 0·890 | 78 | 178 | SE by S | 30 | ... | Passing clouds. |
| 8 | 29·779 | 0·127 | 83·3 | 78·8 | 91·5 | 75·6 | 140·3 | 72·8 | 0·925 | 81 | 183 | S S E | 50 | ... | Do. |
| 9 | 29·754 | 0·155 | 84·0 | 79·9 | 90·3 | 78·8 | 149·2 | 76·8 | 0·967 | 82 | 191 | S S E | 40 | ... | Do. |
| 10 | 29·746 | 0·126 | 84·8 | 79·5 | 91·7 | 78·0 | 141·1 | 76·0 | 0·938 | 78 | 185 | S S E | 45 | ... | Do. |
| 11 | 29·774 | 0·125 | 85·0 | 79·6 | 93·3 | 78·9 | 144·1 | 76·4 | 0·939 | 78 | 202 | S S E | 55 | ... | Do. |
| 12 | 29·791 | 0·117 | 84·0 | 79·2 | 89·1 | 78·8 | 138·9 | 75·8 | 0·935 | 80 | 167 | S S E | 55 | ... | Do. |
| 13 | 29·857 | 0·058 | 83·1 | 78·8 | 89·7 | 78·0 | 141·8 | 76·4 | 0·928 | 83 | 99 | SE by S | 70 | ... | Passing clouds : lg. |
| 14 | 29·872 | 0·118 | 81·6 | 78·1 | 88·8 | 77·8 | 140·8 | 74·8 | 0·916 | 85 | 79 | E by S | 65 | 0·13 | Cloudy with showers. |
| 15 | 29·852 | 0·132 | 84·8 | 80·0 | 92·1 | 78·5 | 149·3 | 75·6 | 0·961 | 80 | 162 | S E | 35 | ... | Passing clouds. |
| 16 | 29·834 | 0·114 | 86·2 | 80·5 | 91·9 | 80·5 | 147·4 | 78·8 | 0·965 | 77 | 257 | S S E | 15 | ... | Fine. |
| 17 | 29·852 | 0·120 | 85·9 | 81·1 | 92·5 | 80·7 | 146·1 | 76·8 | 0·998 | 80 | 245 | S S E | 40 | ... | Passing clouds. |
| 18 | 29·847 | 0·133 | 86·0 | 81·9 | 93·6 | 80·1 | 142·1 | 78·8 | 1·036 | 84 | 203 | S S E | 15 | ... | Fine. |
| 19 | 29·819 | 0·106 | 85·3 | 80·7 | 91·3 | 80·5 | 141·8 | 76·8 | 0·987 | 81 | 203 | S S E | 25 | ... | Do. |
| 20 | 29·865 | 0·144 | 86·1 | 79·8 | 91·3 | 80·5 | 149·6 | 77·8 | 0·933 | 75 | 152 | SE by E | 55 | ... | Passing clouds. |
| 21 | 29·913 | 0·120 | 84·2 | 78·5 | 93·3 | 78·4 | 144·2 | 75·8 | 0·899 | 76 | 164 | S E | 25 | ... | Fine. |
| 22 | 29·933 | 0·160 | 84·3 | 79·1 | 95·1 | 77·7 | 151·4 | 74·8 | 0·925 | 79 | 144 | SE by E | 30 | ... | Passing clouds. |
| 23 | 29·857 | 0·151 | 85·0 | 80·5 | 95·5 | 79·2 | 152·1 | 75·8 | 0·982 | 81 | 202 | S S E | 25 | ... | Fine. |
| 24 | 29·810 | 0·151 | 86·3 | 81·8 | 98·1 | 80·2 | 149·7 | 77·9 | 1·026 | 82 | 209 | S by E | 20 | ... | Do. |
| 25 | 29·777 | 0·147 | 86·0 | 81·6 | 96·3 | 79·9 | 147·6 | 78·8 | 1·020 | 82 | 257 | S by E | 20 | ... | Do. |
| 26 | 29·771 | 0·138 | 87·6 | 81·5 | 98·1 | 81·3 | 148·4 | 79·6 | 0·995 | 76 | 277 | S by E | 5 | ... | Do. |
| 27 | 29·793 | 0·134 | 86·9 | 81·2 | 97·0 | 82·3 | 144·6 | 79·8 | 0·988 | 78 | 254 | S S E | 10 | ... | Do. |
| 28 | 29·752 | 0·145 | 87·0 | 80·7 | 95·3 | 80·8 | 148·6 | 78·8 | 0·964 | 74 | 232 | S by E | 0 | ... | Do. |
| 29 | 29·719 | 0·144 | 86·7 | 81·7 | 91·8 | 83·3 | 148·7 | 81·4 | 1·017 | 80 | 267 | S by E | 25 | ... | Do. |
| 30 | 29·704 | 0·136 | 87·6 | 82·5 | 94·6 | 81·9 | 148·6 | 79·8 | 1·014 | 80 | 272 | S by E | 0 | ... | Do. |
| Mean | 29·815 | 0·130 | 84·6 | 79·6 | 92·5 | 78·6 | 145·4 | 76·1 | 0·949 | 80 | 195 | S S E | 29 | 0·13 | |

## Madras Meteorological Observations. 1888—May.

| May 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·768 | 0·129 | 87·6 | 83·1 | 94·5 | 82·1 | 147·7 | 80·2 | 1·073 | 82 | 260 | S S E | 7 | ... | Fine. |
| 2 | 29·769 | 0·124 | 88·2 | 83·2 | 97·5 | 82·2 | 148·7 | 81·2 | 1·070 | 80 | 243 | S by E | 0 | ... | Do. |
| 3 | 29·753 | 0·129 | 89·1 | 82·3 | 98·9 | 81·3 | 151·5 | 80·1 | 1·013 | 74 | 177 | S S E | 15 | ... | Do. |
| 4 | 29·772 | 0·135 | 86·5 | 82·3 | 96·3 | 80·6 | 148·7 | 78·2 | 1·048 | 84 | 192 | S S E | 10 | ... | Do. |
| 5 | 29·759 | 0·132 | 86·0 | 81·5 | 94·3 | 80·9 | 145·7 | 79·5 | 1·016 | 82 | 245 | SE by S | 0 | ... | Do. |
| 6 | 29·763 | 0·144 | 86·6 | 80·4 | 94·9 | 81·3 | 143·9 | 80·2 | 0·952 | 75 | 228 | SE by S | 20 | ... | Fine : lg. |
| 7 | 29·771 | 0·124 | 85·9 | 79·4 | 93·8 | 78·6 | 146·3 | 77·2 | 0·917 | 74 | 194 | SE by S | 30 | ... | Passing clouds. |
| 8 | 29·793 | 0·102 | 85·7 | 80·0 | 92·1 | 79·0 | 144·7 | 77·2 | 0·948 | 77 | 154 | S E | 45 | ... | Do. |
| 9 | 29·777 | 0·117 | 85·3 | 78·9 | 93·0 | 79·9 | 143·2 | 77·8 | 0·902 | 74 | 137 | SE by E | 40 | ... | Do. |
| 10 | 29·787 | 0·106 | 86·1 | 79·6 | 95·6 | 78·8 | 148·1 | 77·5 | 0·924 | 74 | 166 | E by N | 50 | ... | Do. |
| 11 | 29·762 | 0·125 | 78·9 | 76·7 | 81·8 | 75·6 | 99·7 | 73·3 | 0·890 | 90 | 278 | E N E | 100 | 1·57 | Rainy and stormy : th. and lg. |
| 12 | 29·771 | 0·085 | 81·1 | 77·0 | 85·3 | 76·6 | 127·7 | 75·2 | 0·874 | 83 | 262 | SE by S | 93 | 1·60 | Rainy : thunderstorm evening. |
| 13 | 29·783 | 0·096 | 82·5 | 78·5 | 87·1 | 78·8 | 123·0 | 76·5 | 0·922 | 84 | 271 | S S E | 78 | ... | Cloudy : th. and lg. |
| 14 | 29·801 | 0·099 | 83·8 | 78·8 | 93·0 | 78·1 | 141·7 | 76·5 | 0·919 | 79 | 270 | South | 25 | ... | Fine : lg. |
| 15 | 29·804 | 0·154 | 84·5 | 79·5 | 94·1 | 79·0 | 145·8 | 77·4 | 0·942 | 79 | 273 | S by W | 32 | ... | Passing clouds : lg. |
| 16 | 29·768 | 0·131 | 85·8 | 79·5 | 98·1 | 80·7 | 148·6 | 80·6 | 0·924 | 75 | 259 | SW by S | 30 | ... | Do. : do. |
| 17 | 29·719 | 0·112 | 87·0 | 79·9 | 99·6 | 79·8 | 145·6 | 78·2 | 0·927 | 72 | 254 | SW by S | 28 | ... | Passing clouds. |
| 18 | 29·717 | 0·108 | 86·9 | 78·9 | 101·6 | 80·4 | 146·6 | 79·4 | 0·881 | 69 | 239 | S W | 40 | ... | Passing clouds : th. and lg. |
| 19 | 29·697 | 0·121 | 88·3 | 78·0 | 102·1 | 78·8 | 147·5 | 77·3 | 0·821 | 61 | 213 | SW by S | 25 | ... | Fine. |
| 20 | 29·709 | 0·131 | 87·3 | 78·4 | 99·0 | 79·9 | 146·4 | 78·3 | 0·852 | 65 | 204 | South | 25 | ... | Do. |
| 21 | 29·661 | 0·108 | 87·9 | 80·4 | 103·2 | 78·9 | 150·6 | 77·5 | 0·938 | 71 | 193 | S by W | 5 | ... | Do. |
| 22 | 29·679 | 0·103 | 85·9 | 81·0 | 98·2 | 80·6 | 147·5 | 79·4 | 0·992 | 80 | 241 | S by E | 18 | ... | Do. |
| 23 | 29·742 | 0·112 | 84·2 | 81·2 | 89·7 | 80·1 | 138·8 | 79·2 | 1·026 | 87 | 206 | S S E | 17 | ... | Do. |
| 24 | 29·748 | 0·117 | 84·3 | 79·6 | 91·2 | 79·6 | 144·8 | 77·4 | 0·949 | 80 | 192 | SE by S | 35 | ... | Passing clouds. |
| 25 | 29·720 | 0·124 | 84·4 | 79·5 | 92·3 | 77·8 | 145·0 | 76·5 | 0·943 | 79 | 159 | S S E | 30 | ... | Do. |
| 26 | 29·700 | 0·137 | 84·6 | 78·0 | 91·3 | 78·8 | 139·1 | 75·8 | 0·871 | 74 | 190 | SE by S | 20 | ... | Fine. |
| 27 | 29·718 | 0·083 | 84·2 | 80·4 | 90·6 | 81·0 | 144·6 | 78·1 | 0·988 | 84 | 179 | SE by S | 60 | ... | Passing clouds. |
| 28 | 29·747 | 0·093 | 83·2 | 77·7 | 89·3 | 80·2 | 145·2 | 80·2 | 0·877 | 77 | 192 | South | 70 | ... | Passing clouds : lg. |
| 29 | 29·712 | 0·108 | 84·5 | 78·3 | 92·1 | 78·7 | 144·3 | 76·7 | 0·886 | 75 | 258 | S by E | 37 | ... | Passing clouds. |
| 30 | 29·666 | 0·133 | 86·6 | 80·5 | 100·1 | 80·8 | 152·1 | 79·8 | 0·960 | 76 | 264 | S by W | 18 | ... | Fine. |
| 31 | 29·625 | 0·101 | 88·6 | 81·7 | 101·0 | 82·2 | 152·6 | 80·5 | 0·990 | 73 | 253 | S by W | 17 | ... | Do. |
| Mean | 29·741 | 0·117 | 85·5 | 79·8 | 94·6 | 79·7 | 143·4 | 78·2 | 0·943 | 77 | 221 | S by E | 33 | 3·17 | |

# Madras Meteorological Observations. 1888—June.

| June 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·631 | 0·107 | 88·3 | 81·1 | 103·1 | 82·5 | 153·2 | 81·8 | 0·965 | 72 | 266 | S by W | 12 | ... | Fine: lg. W. |
| 2 | 29·686 | 0·041 | 87·3 | 79·9 | 104·1 | 82·6 | 151·5 | 81·8 | 0·922 | 71 | 240 | South | 43 | ... | Cloudy: th. and lg. |
| 3 | 29·694 | 0·151 | 84·8 | 77·3 | 95·0 | 78·5 | 142·9 | 77·7 | 0·837 | 70 | 213 | W S W | 85 | ... | Cloudy: lg. |
| 4 | 29·717 | 0·155 | 87·9 | 79·5 | 97·5 | 83·5 | 144·5 | 83·1 | 0·895 | 68 | 236 | S by W | 15 | ... | Fine: lg. W. |
| 5 | 29·712 | 0·128 | 87·9 | 79·7 | 101·3 | 82·4 | 147·0 | 81·4 | 0·904 | 68 | 237 | S by W | 22 | ... | Fine. |
| 6 | 29·705 | 0·131 | 87·0 | 78·4 | 102·2 | 83·0 | 146·4 | 82·3 | 0·857 | 67 | 230 | SW by S | 40 | 0·01 | Passing clouds: th. and lg. |
| 7 | 29·719 | 0·129 | 87·1 | 76·4 | 98·3 | 82·1 | 145·9 | 80·5 | 0·766 | 59 | 261 | S S W | 23 | ... | Fine. |
| 8 | 29·728 | 0·129 | 87·1 | 77·3 | 99·6 | 81·1 | 145·6 | 79·3 | 0·806 | 63 | 230 | S by W | 40 | ... | Passing clouds. |
| 9 | 29·714 | 0·153 | 86·1 | 77·7 | 98·8 | 80·3 | 149·3 | 79·5 | 0·837 | 67 | 188 | S S W | 55 | ... | Passing clouds: lg. S. |
| 10 | 29·671 | 0·136 | 86·7 | 76·6 | 98·2 | 82·3 | 144·6 | 80·1 | 0·781 | 62 | 235 | S W by W | 50 | 0·74 | Light thunderstorm at 9·30 P.M. |
| 11 | 29·654 | 0·116 | 85·0 | 76·6 | 96·2 | 76·1 | 146·9 | 75·4 | 0·803 | 66 | 214 | S W | 80 | 0·01 | Cloudy: th. and lg. |
| 12 | 29·710 | 0·125 | 88·3 | 78·0 | 98·7 | 81·4 | 149·0 | 79·3 | 0·821 | 61 | 201 | SW by W | 45 | ... | Passing clouds. |
| 13 | 29·749 | 0·140 | 89·8 | 78·0 | 101·2 | 82·0 | 153·8 | 80·3 | 0·801 | 57 | 243 | W by S | 37 | ... | Do. |
| 14 | 29·735 | 0·147 | 89·8 | 77·9 | 103·8 | 82·9 | 151·0 | 82·1 | 0·796 | 56 | 267 | W N W | 48 | 0·08 | Passing clouds: th. and lg. |
| 15 | 29·696 | 0·138 | 84·9 | 77·0 | 101·7 | 80·4 | 149·1 | 77·3 | 0·822 | 68 | 235 | W by S | 52 | 0·89 | Passing clouds: thunderstorm 5 P.M. |
| 16 | 29·690 | 0·113 | 85·9 | 77·3 | 95·5 | 80·1 | 137·2 | 78·3 | 0·822 | 66 | 193 | S W by W | 85 | ... | Cloudy. |
| 17 | 29·738 | 0·124 | 87·4 | 75·7 | 95·6 | 82·3 | 146·5 | 80·1 | 0·732 | 57 | 246 | W S W | 77 | ... | Do. |
| 18 | 29·718 | 0·162 | 84·8 | 76·3 | 95·9 | 80·1 | 151·8 | 78·3 | 0·793 | 66 | 172 | W by S | 63 | 0·01 | Passing clouds. |
| 19 | 29·683 | 0·116 | 85·5 | 78·0 | 96·7 | 78·0 | 132·1 | 76·1 | 0·859 | 70 | 193 | W by S | 75 | ... | Cloudy. |
| 20 | 29·646 | 0·109 | 87·2 | 79·3 | 100·4 | 79·9 | 146·2 | 78·3 | 0·895 | 69 | 178 | S by W | 60 | ... | Passing clouds: lg. |
| 21 | 29·665 | 0·060 | 87·2 | 79·1 | 99·3 | 82·1 | 147·4 | 80·1 | 0·886 | 69 | 226 | S by W | 35 | ... | Passing clouds. |
| 22 | 29·675 | 0·067 | 86·1 | 79·8 | 99·5 | 79·8 | 148·4 | 78·1 | 0·933 | 75 | 214 | SW by S | 35 | ... | Do. |
| 23 | 29·711 | 0·060 | 87·0 | 79·5 | 99·0 | 80·4 | 147·4 | 77·3 | 0·908 | 71 | 208 | South | 20 | ... | Fine. |
| 24 | 29·710 | 0·113 | 86·8 | 80·7 | 102·1 | 78·7 | 146·0 | 77·1 | 0·967 | 76 | 195 | SW by S | 30 | ... | Passing clouds. |
| 25 | 29·716 | 0·103 | 85·9 | 80·3 | 90·3 | 81·9 | 118·1 | 81·1 | 0·960 | 78 | 193 | South | 92 | ... | Cloudy. |
| 26 | 29·696 | 0·114 | 85·9 | 80·0 | 101·2 | 81·7 | 149·2 | 80·2 | 0·945 | 76 | 228 | SW by S | 40 | 0·09 | Passing clouds. |
| 27 | 29·739 | 0·134 | 85·2 | 78·0 | 100·5 | 77·2 | 151·1 | 74·1 | 0·862 | 72 | 248 | S W | 20 | ... | Fine. |
| 28 | 29·735 | 0·148 | 88·7 | 79·9 | 100·3 | 80·5 | 149·8 | 78·2 | 0·903 | 67 | 234 | S S W | 48 | ... | Passing clouds: lg. |
| 29 | 29·743 | 0·127 | 88·7 | 77·0 | 96·8 | 82·7 | 134·1 | 79·1 | 0·771 | 56 | 231 | S W by W | 97 | ... | Overcast. |
| 30 | 29·759 | 0·109 | 87·8 | 77·9 | 97·2 | 83·6 | 144·2 | 80·9 | 0·823 | 62 | 226 | S W by W | 93 | 0·10 | Cloudy. |
| Mean | 29·705 | 0·120 | 86·9 | 78·3 | 99·0 | 81·0 | 145·7 | 79·3 | 0·856 | 67 | 223 | S W | 51 | 1·93 | |

## Madras Meteorological Observations. 1888—July.

| July 1888 | Barometer reduced to 32° — Mean | Barometer reduced to 32° — Range | Corrected Mean Temperature — Dry | Corrected Mean Temperature — Wet | Self Registering Thermometers — Dry — Max. | Self Registering Thermometers — Dry — Min. | Self Registering Thermometers — Sun — Max. | Self Registering Thermometers — Grass — Min. | Deduced — Vapour Tension | Deduced — Humidity | Wind — Daily Velocity | Wind — Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·794 | 0·100 | 86·5 | 77·6 | 92·3 | 82·0 | 121·1 | 79·7 | 0·827 | 65 | 214 | W S W | 90 | ... | Cloudy. |
| 2 | 29·809 | 0·101 | 86·9 | 75·6 | 91·8 | 83·2 | 116·7 | 82·0 | 0·735 | 57 | 218 | W S W | 100 | ... | Overcast. |
| 3 | 29·793 | 0·151 | 87·9 | 78·3 | 95·6 | 81·6 | 148·9 | 81·2 | 0·841 | 64 | 233 | S W | 75 | ... | Cloudy. |
| 4 | 29·741 | 0·179 | 88·1 | 78·1 | 102·2 | 82·2 | 151·0 | 80·6 | 0·828 | 62 | 218 | W S W | 57 | 0·14 | Passing clouds : rain. |
| 5 | 29·737 | 0·131 | 84·9 | 78·0 | 99·3 | 79·6 | 143·7 | 79·0 | 0·866 | 72 | 202 | SWbyW | 50 | 0·02 | Passing clouds. |
| 6 | 29·735 | 0·141 | 87·0 | 78·5 | 100·3 | 79·4 | 151·3 | 79·4 | 0·861 | 67 | 235 | SW by S | 53 | ... | Do. |
| 7 | 29·729 | 0·166 | 85·0 | 79·7 | 98·4 | 81·7 | 151·1 | 80·2 | 0·944 | 78 | 207 | S S W | 70 | 1·01 | Cloudy : thunderstorm 6 P.M. |
| 8 | 29·723 | 0·154 | 82·7 | 77·6 | 94·3 | 77·6 | 139·1 | 76·0 | 0·880 | 79 | 150 | SW by W | 85 | 0·22 | Cloudy : th. lg. : rain. |
| 9 | 29·725 | 0·149 | 82·7 | 76·4 | 95·4 | 77·8 | 140·9 | 77·1 | 0·826 | 74 | 176 | W S W | 75 | 0·10 | Passing clouds : lg. : rain. |
| 10 | 29·680 | 0·163 | 81·0 | 75·6 | 92·5 | 74·4 | 141·1 | 73·8 | 0·814 | 77 | 147 | W by N | 98 | 0·17 | Overcast : lg. : rain. |
| 11 | 29·662 | 0·145 | 82·0 | 75·6 | 96·1 | 74·5 | 141·1 | 73·4 | 0·800 | 73 | 115 | S W | 90 | 0·05 | Overcast. |
| 12 | 29·680 | 0·098 | 81·0 | 76·7 | 92·8 | 76·1 | 128·0 | 74·4 | 0·862 | 82 | 75 | S W | 100 | 0·06 | Overcast : lg. S. |
| 13 | 29·702 | 0·111 | 82·7 | 75·4 | 90·2 | 77·7 | 143·4 | 76·4 | 0·783 | 70 | 215 | S W | 98 | ... | Overcast. |
| 14 | 29·697 | 0·089 | 85·0 | 75·7 | 94·5 | 78·4 | 137·5 | 77·2 | 0·765 | 63 | 223 | W S W | 87 | ... | Cloudy. |
| 15 | 29·736 | 0·107 | 83·9 | 75·6 | 95·0 | 77·4 | 147·5 | 74·6 | 0·775 | 67 | 167 | SW by S | 70 | ... | Do. |
| 16 | 29·756 | 0·102 | 83·8 | 77·2 | 96·4 | 79·1 | 142·7 | 77·0 | 0·846 | 73 | 195 | SW by S | 90 | ... | Overcast. |
| 17 | 29·761 | 0·078 | 84·8 | 77·0 | 96·8 | 79·8 | 142·2 | 79·0 | 0·824 | 69 | 184 | S W | 80 | 0·38 | Cloudy : thunderstorm 11 P.M. |
| 18 | 29·753 | 0·117 | 81·4 | 77·5 | 93·6 | 72·5 | 138·4 | 72·0 | 0·892 | 83 | 152 | S by W | 97 | 0·07 | Overcast. |
| 19 | 29·762 | 0·133 | 84·2 | 78·2 | 97·3 | 77·7 | 149·8 | 75·4 | 0·885 | 75 | 169 | S by W | 78 | 0·02 | Passing clouds. |
| 20 | 29·809 | 0·136 | 86·3 | 76·7 | 96·4 | 78·7 | 146·1 | 77·1 | 0·791 | 63 | 197 | SW by S | 65 | ... | Do. |
| 21 | 29·793 | 0·135 | 85·2 | 77·5 | 97·0 | 79·1 | 144·0 | 77·0 | 0·839 | 69 | 186 | SW by S | 60 | 0·08 | Passing clouds : th. and lg. |
| 22 | 29·776 | 0·124 | 82·6 | 76·9 | 95·4 | 78·1 | 141·2 | 77·0 | 0·849 | 76 | 158 | S S W | 75 | 1·19 | Cloudy : thunderstorm 8-30 P.M. |
| 23 | 29·756 | 0·131 | 82·4 | 78·1 | 95·3 | 77·6 | 144·0 | 75·8 | 0·906 | 83 | 153 | S S W | 67 | 0·46 | Cloudy : light thunderstorm 6 P.M. |
| 24 | 29·731 | 0·134 | 81·8 | 77·3 | 95·1 | 77·8 | 141·4 | 77·0 | 0·877 | 81 | 192 | S W | 78 | 0·04 | Cloudy : th. and lg. |
| 25 | 29·746 | 0·092 | 80·6 | 76·9 | 95·2 | 75·9 | 140·4 | 75·0 | 0·876 | 84 | 194 | S S W | 67 | 0·58 | Cloudy : thunderstorm. |
| 26 | 29·774 | 0·095 | 82·6 | 77·4 | 91·3 | 75·5 | 129·6 | 74·0 | 0·871 | 78 | 165 | S S W | 80 | ... | Cloudy. |
| 27 | 29·729 | 0·140 | 83·5 | 76·7 | 96·0 | 78·4 | 145·0 | 77·0 | 0·829 | 73 | 177 | South | 48 | ... | Fine with passing clouds. |
| 28 | 29·724 | 0·089 | 84·2 | 77·4 | 97·1 | 79·7 | 150·0 | 78·0 | 0·848 | 73 | 177 | S by W | 60 | ... | Passing clouds. |
| 29 | 29·720 | 0·099 | 84·9 | 77·8 | 97·1 | 78·6 | 145·1 | 77·2 | 0·859 | 72 | 197 | S by W | 36 | ... | Do. |
| 30 | 29·745 | 0·100 | 84·2 | 78·5 | 94·9 | 77·5 | 140·8 | 76·4 | 0·899 | 75 | 178 | S by E | 42 | 0·03 | Passing clouds : lg. |
| 31 | 29·743 | 0·098 | 83·5 | 78·6 | 95·1 | 76·0 | 141·0 | 74·2 | 0·913 | 79 | 181 | SW by S | 58 | 0·01 | Do. : do. |
| Mean | 29·743 | 0·122 | 84·0 | 77·2 | 95·5 | 78·2 | 141·4 | 76·9 | 0·846 | 73 | 182 | SW by S | 74 | 4·63 | |

## Madras Meteorological Observations. 1888—August.

| August 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·762 | 0·132 | 80·7 | 76·9 | 93·3 | 71·4 | 137·1 | 69·8 | 0·875 | 84 | 210 | SW by W | 60 | 2·45 | Thunderstorm 9 to 10 P.M. |
| 2 | 29·739 | 0·130 | 80·6 | 76·6 | 92·4 | 74·8 | 137·9 | 73·3 | 0·863 | 83 | 186 | S W | 77 | 0·45 | Passing cls.: th.-storm 11 P.M. to 3 A.M. |
| 3 | 29·723 | 0·126 | 83·1 | 76·9 | 91·7 | 74·3 | 139·7 | 72·7 | 0·842 | 74 | 156 | SW by S | 58 | 0·51 | P. cls.: th. and lg. : rain. |
| 4 | 29·739 | 0·107 | 83·4 | 77·3 | 92·4 | 77·3 | 139·5 | 74·7 | 0·856 | 74 | 147 | S W | 82 | 0·03 | Cloudy: th. and lg. |
| 5 | 29·744 | 0·125 | 82·3 | 75·9 | 90·3 | 77·4 | 123·6 | 75·5 | 0·809 | 73 | 151 | W S W | 100 | ... | Overcast. |
| 6 | 29·708 | 0·152 | 84·1 | 75·4 | 94·5 | 78·3 | 138·9 | 77·5 | 0·764 | 64 | 193 | S W by W | 68 | ... | Passing clouds. |
| 7 | 29·679 | 0·148 | 85·9 | 76·5 | 95·8 | 79·4 | 141·9 | 78·6 | 0·787 | 63 | 168 | SW by W | 65 | ... | Do. |
| 8 | 29·711 | 0·085 | 85·2 | 76·6 | 91·0 | 79·3 | 128·3 | 78·5 | 0·801 | 66 | 137 | SW by W | 82 | ... | Cloudy. |
| 9 | 29·702 | 0·108 | 84·6 | 77·1 | 97·2 | 79·5 | 146·5 | 78·7 | 0·831 | 70 | 203 | SW by S | 25 | ... | Fine. |
| 10 | 29·712 | 0·127 | 85·1 | 77·9 | 98·4 | 80·4 | 146·7 | 79·6 | 0·859 | 71 | 185 | S S W | 43 | 0·17 | Passing clouds: lg. : rain. |
| 11 | 29·701 | 0·099 | 85·6 | 77·2 | 93·4 | 79·3 | 138·5 | 78·7 | 0·821 | 66 | 168 | S W | 42 | ... | Passing clouds. |
| 12 | 29·733 | 0·114 | 83·8 | 76·4 | 96·6 | 79·5 | 143·4 | 78·7 | 0·811 | 69 | 189 | SW by S | 38 | 0·05 | Do. |
| 13 | 29·753 | 0·100 | 83·4 | 77·0 | 97·9 | 79·4 | 143·7 | 78·5 | 0·842 | 73 | 190 | SW by S | 42 | 0·94 | P. clouds. } Thunderstorm from 11 P.M. to 2 A.M. |
| 14 | 29·798 | 0·114 | 81·8 | 78·5 | 90·4 | 75·4 | 139·9 | 73·6 | 0·932 | 86 | 135 | SW by S | 45 | 0·60 | Do. |
| 15 | 29·796 | 0·122 | 80·8 | 76·7 | 86·9 | 75·0 | 136·9 | 73·5 | 0·865 | 83 | 155 | S S W | 50 | ... | Passing clouds. |
| 16 | 29·804 | 0·119 | 81·2 | 75·9 | 87·1 | 74·4 | 115·5 | 72·4 | 0·825 | 77 | 114 | W S W | 52 | 0·02 | Overcast. |
| 17 | 29·809 | 0·120 | 82·2 | 76·1 | 91·9 | 78·4 | 142·2 | 77·4 | 0·820 | 75 | 167 | S W | 78 | 1·04 | Cloudy: th.-storm from 9 to 11 P.M. |
| 18 | 29·781 | 0·130 | 81·4 | 75·7 | 90·2 | 71·6 | 136·7 | 70·3 | 0·813 | 73 | 163 | SW by W | 75 | 0·05 | Cloudy. |
| 19 | 29·780 | 0·097 | 80·3 | 76·2 | 90·4 | 76·8 | 131·7 | 75·7 | 0·850 | 82 | 135 | SW by W | 100 | 0·48 | Overcast: thunderstorm 7-30 P.M. |
| 20 | 29·791 | 0·106 | 81·4 | 76·7 | 89·4 | 73·8 | 140·4 | 73·2 | 0·856 | 80 | 142 | S S W | 95 | ... | Overcast. |
| 21 | 29·807 | 0·115 | 80·9 | 76·0 | 91·9 | 76·5 | 141·7 | 75·1 | 0·832 | 78 | 152 | S S W | 72 | ... | Passing clouds: th. and lg. |
| 22 | 29·827 | 0·109 | 82·3 | 75·1 | 93·1 | 76·0 | 147·4 | 74·3 | 0·775 | 71 | 164 | S S W | 70 | ... | Do. : do. |
| 23 | 29·826 | 0·125 | 82·6 | 77·2 | 92·5 | 76·6 | 145·4 | 74·9 | 0·862 | 77 | 202 | S S W | 58 | ... | Passing clouds. |
| 24 | 29·834 | 0·110 | 81·8 | 77·0 | 90·3 | 76·6 | 127·7 | 76·1 | 0·864 | 80 | 181 | S by W | 62 | ... | Do. |
| 25 | 29·857 | 0·132 | 81·9 | 76·6 | 94·8 | 76·6 | 145·6 | 76·1 | 0·846 | 78 | 180 | S S W | 63 | 0·48 | Passing clouds: th.-storm 10 P.M. |
| 26 | 29·834 | 0·144 | 80·6 | 77·2 | 90·2 | 73·3 | 141·9 | 72·5 | 0·889 | 85 | 167 | S S W | 75 | 0·67 | Rain: th. & lg. |
| 27 | 29·790 | 0·145 | 83·2 | 76·8 | 93·2 | 76·3 | 144·8 | 75·1 | 0·836 | 73 | 142 | S W | 67 | 0·13 | Passing clouds: lg. : rain. |
| 28 | 29·770 | 0·147 | 83·6 | 77·8 | 94·1 | 72·9 | 141·2 | 72·1 | 0·876 | 76 | 170 | S W | 43 | 0·02 | Light clouds. |
| 29 | 29·764 | 0·141 | 85·0 | 77·2 | 95·1 | 75·6 | 141·1 | 74·9 | 0·830 | 69 | 194 | S W | 30 | ... | Fine. |
| 30 | 29·760 | 0·100 | 85·1 | 77·6 | 94·5 | 78·2 | 137·9 | 76·9 | 0·847 | 70 | 178 | S W | 42 | ... | Passing clouds. |
| 31 | 29·744 | 0·114 | 85·6 | 76·1 | 95·9 | 78·2 | 142·7 | 76·9 | 0·774 | 63 | 193 | SW by S | 20 | ... | Fine. |
| Mean | 29·767 | 0·121 | 82·9 | 76·7 | 92·8 | 76·5 | 138·9 | 75·3 | 0·837 | 74 | 168 | S W | 61 | 8·09 | |

# Madras Meteorological Observations. 1888—September.

| September 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·757 | 0·088 | 80·9 | 76·5 | 95·7 | 75·8 | 148·7 | 73·2 | 0·854 | 81 | 140 | SE by E | 55 | 0·15 | Passing clouds: rain. |
| 2 | 29·752 | 0·119 | 82·8 | 76·4 | 94·3 | 75·6 | 146·6 | 73·4 | 0·824 | 73 | 118 | South | 42 | 0·06 | Passing clouds: lg. |
| 3 | 29·785 | 0·104 | 83·1 | 76·9 | 95·4 | 76·5 | 146·3 | 74·2 | 0·842 | 75 | 124 | South | 38 | 0·01 | Do. : do. |
| 4 | 29·784 | 0·125 | 81·5 | 76·5 | 94·5 | 69·4 | 141·4 | 68·6 | 0·847 | 74 | 149 | South | 50 | 0·82 | Thunderstorm at 2 P.M. |
| 5 | 29·746 | 0·158 | 84·6 | 76·9 | 95·1 | 76·5 | 141·5 | 74·0 | 0·822 | 70 | 118 | W S W | 75 | ... | Passing clouds: lg. |
| 6 | 29·757 | 0·127 | 82·8 | 77·6 | 92·1 | 77·9 | 148·3 | 74·2 | 0·878 | 78 | 122 | S W | 82 | 0·07 | Passing clouds. |
| 7 | 29·760 | 0·136 | 82·6 | 77·7 | 94·3 | 79·4 | 147·0 | 77·8 | 0·885 | 79 | 149 | N W | 70 | 0·07 | Passing clouds: lg. |
| 8 | 29·762 | 0·126 | 82·7 | 78·6 | 91·0 | 75·8 | 148·3 | 74·8 | 0·924 | 83 | 101 | S by W | 45 | ... | Passing clouds. |
| 9 | 29·765 | 0·145 | 83·6 | 79·3 | 95·3 | 78·6 | 150·7 | 77·8 | 0·945 | 83 | 128 | South | 35 | 0·03 | Passing clouds: th. |
| 10 | 29·784 | 0·120 | 83·6 | 78·7 | 95·2 | 78·0 | 154·3 | 76·1 | 0·916 | 79 | 124 | S S E | 15 | 0·02 | Fine: lg. |
| 11 | 29·780 | 0·153 | 83·9 | 79·2 | 95·1 | 78·4 | 142·3 | 76·8 | 0·936 | 80 | 111 | South | 25 | 0·35 | Fine with a heavy shower: th. & lg. |
| 12 | 29·778 | 0·096 | 81·9 | 77·1 | 93·3 | 74·8 | 143·6 | 73·8 | 0·867 | 80 | 126 | S by W | 30 | ... | Passing clouds: lg. |
| 13 | 29·743 | 0·132 | 84·6 | 79·3 | 94·3 | 77·8 | 149·9 | 76·2 | 0·931 | 78 | 122 | SE by S | 35 | ... | Do. : do. |
| 14 | 29·714 | 0·119 | 83·4 | 76·4 | 96·8 | 75·7 | 147·5 | 74·4 | 0·816 | 71 | 173 | S S W | 55 | ... | Do. : do. |
| 15 | 29·694 | 0·165 | 86·4 | 78·5 | 97·3 | 79·6 | 146·6 | 78·5 | 0·869 | 69 | 194 | W S W | 50 | ... | Do. : do. |
| 16 | 29·688 | 0·138 | 86·1 | 77·3 | 94·4 | 79·8 | 137·4 | 79·2 | 0·819 | 65 | 206 | W S W | 97 | ... | Overcast. |
| 17 | 29·731 | 0·122 | 84·9 | 75·4 | 94·1 | 78·2 | 143·0 | 76·7 | 0·753 | 62 | 250 | SWbyW | 60 | ... | Passing clouds. |
| 18 | 29·773 | 0·125 | 83·7 | 76·6 | 94·9 | 76·6 | 144·6 | 74·2 | 0·821 | 72 | 221 | S S W | 58 | ... | Do. |
| 19 | 29·839 | 0·108 | 84·3 | 76·6 | 96·1 | 77·3 | 148·2 | 76·0 | 0·813 | 70 | 155 | South | 20 | ... | Fine. |
| 20 | 29·887 | 0·134 | 84·0 | 78·5 | 92·6 | 77·8 | 146·0 | 76·0 | 0·902 | 77 | 146 | SE by S | 20 | ... | Do. |
| 21 | 29·930 | 0·104 | 79·3 | 76·6 | 88·0 | 75·5 | 134·0 | 74·2 | 0·881 | 89 | 76 | SW by S | 60 | 0·06 | Passing clouds: th. and lg. |
| 22 | 29·941 | 0·118 | 81·9 | 77·5 | 90·1 | 75·7 | 149·4 | 70·1 | 0·885 | 81 | 121 | S S E | 35 | ... | Passing clouds. |
| 23 | 29·910 | 0·128 | 82·8 | 77·6 | 92·1 | 75·4 | 149·8 | 73·2 | 0·878 | 79 | 130 | S S E | 35 | ... | Passing clouds: lg. |
| 24 | 29·900 | 0·113 | 84·1 | 78·6 | 93·7 | 77·3 | 153·5 | 75·0 | 0·906 | 77 | 136 | S S E | 30 | ... | Do. : do. |
| 25 | 29·903 | 0·128 | 83·7 | 78·7 | 93·3 | 76·7 | 152·2 | 74·2 | 0·915 | 79 | 144 | S S E | 35 | ... | Do. : do. |
| 26 | 29·883 | 0·103 | 85·2 | 79·3 | 94·5 | 78·6 | 150·5 | 76·0 | 0·922 | 76 | 111 | South | 40 | ... | Fine with passing clouds: th. & lg. |
| 27 | 29·840 | 0·131 | 83·9 | 77·0 | 97·7 | 77·6 | 151·4 | 76·5 | 0·835 | 72 | 155 | SW by S | 45 | ... | Do. : do. |
| 28 | 29·816 | 0·105 | 84·1 | 77·7 | 96·7 | 77·7 | 147·6 | 77·0 | 0·864 | 74 | 136 | S S W | 50 | 0·54 | Thunderstorm 4-30 P.M. |
| 29 | 29·813 | 0·128 | 83·2 | 79·2 | 95·1 | 76·7 | 151·4 | 75·2 | 0·945 | 83 | 121 | S S W | 40 | ... | Fine with passing clouds: th. & lg. |
| 30 | 29·823 | 0·106 | 82·8 | 78·0 | 97·5 | 75·8 | 151·7 | 75·0 | 0·895 | 81 | 131 | S S W | 50 | 0·14 | Passing clouds: th. and lg.: rain. |
| Mean | 29·801 | 0·124 | 83·4 | 77·7 | 94·4 | 76·9 | 147·2 | 75·1 | 0·873 | 76 | 141 | S by W | 46 | 2·32 | |

# Madras Meteorological Observations. 1888—October.

| October 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points. | Cents | Inches | |
| 1 | 29·815 | 0·128 | 85·0 | 79·3 | 94·0 | 77·5 | 149·3 | 75·7 | 0·925 | 77 | 115 | S by W | 35 | ... | Passing clouds: lg. |
| 2 | 29·806 | 0·137 | 84·2 | 79·5 | 96·5 | 78·0 | 151·5 | 75·7 | 0·946 | 81 | 97 | S S W | 35 | ... | Do. : do. |
| 3 | 29·810 | 0·138 | 82·9 | 78·4 | 97·2 | 76·8 | 151·2 | 75·3 | 0·913 | 81 | 120 | S W | 67 | 0·12 | Showers: th. and lg. |
| 4 | 29·820 | 0·121 | 80·9 | 77·5 | 95·8 | 74·7 | 144·9 | 72·7 | 0·899 | 86 | 131 | S S W | 58 | 0·63 | Cloudy: thunderstorm 4-45 P.M. |
| 5 | 29·823 | 0·086 | 79·7 | 78·4 | 92·1 | 76·6 | 127·5 | 75·5 | 0·954 | 96 | 105 | S W | 97 | 0·29 | Overcast with rain: th. and lg. |
| 6 | 29·849 | 0·092 | 81·6 | 78·7 | 91·7 | 75·9 | 138·5 | 74·7 | 0·943 | 86 | 92 | N N W | 93 | 0·11 | Overcast with rain. |
| 7 | 29·880 | 0·106 | 82·1 | 78·7 | 90·6 | 76·9 | 144·4 | 74·7 | 0·936 | 86 | 71 | S E | 57 | 0·07 | Passing clouds. |
| 8 | 29·903 | 0·100 | 81·5 | 77·7 | 88·7 | 78·0 | 146·1 | 76·3 | 0·900 | 84 | 50 | S S W | 58 | 1 08 | Forenoon wet: afternoon fine: th. |
| 9 | 29·934 | 0·106 | 80·8 | 77·5 | 89·8 | 74·8 | 146·0 | 71·7 | 0·901 | 86 | 64 | South | 20 | ... | Fine. |
| 10 | 29·959 | 0·114 | 82·9 | 77·0 | 89·6 | 75·7 | 141·3 | 73·0 | 0·849 | 76 | 103 | E by N | 30 | ... | Passing clouds. |
| 11 | 29·976 | 0·122 | 83·2 | 76·3 | 91·2 | 76·0 | 146·1 | 73·7 | 0·814 | 72 | 132 | N E | 40 | ... | Do. |
| 12 | 29·929 | 0·123 | 81·8 | 74·7 | 90·2 | 74·2 | 141·7 | 71·6 | 0·766 | 71 | 100 | East | 12 | ... | Fine. |
| 13 | 29·891 | 0·121 | 81·8 | 74·7 | 89·8 | 74·0 | 143·0 | 71·0 | 0·766 | 71 | 109 | E by N | 25 | ... | Do. |
| 14 | 29·916 | 0·108 | 81·9 | 76·3 | 90·3 | 73·3 | 145·3 | 70·7 | 0·833 | 76 | 114 | E by N | 46 | ... | Passing clouds. |
| 15 | 29·950 | 0·086 | 76·0 | 74·7 | 79·1 | 76·9 | 88·0 | 74·7 | 0·844 | 93 | 55 | N N E | 100 | 1·52 | Cloudy and rainy: th. and lg. |
| 16 | 29·948 | 0·110 | 77·3 | 76·0 | 81·6 | 74·8 | 94·7 | 72·2 | 0·882 | 94 | 37 | N N E | 97 | 2·06 | Cldy. & rainy: thunderstorm 4-30 A.M. |
| 17 | 29·891 | 0·129 | 80·5 | 76·9 | 89·6 | 73·0 | 146·0 | 70·4 | 0·878 | 85 | 104 | N N E | 60 | 0·01 | Passing clouds. |
| 18 | 29·888 | 0·122 | 80·6 | 76·6 | 89·0 | 74·7 | 146·9 | 71·9 | 0·863 | 83 | 82 | NE by N | 50 | ... | Do. |
| 19 | 29·925 | 0·106 | 81·6 | 77·3 | 91·0 | 74·1 | 149·1 | 71·9 | 0·880 | 80 | 135 | NE by N | 45 | ... | Do. |
| 20 | 29·915 | 0·097 | 82·6 | 76·8 | 89·8 | 75·9 | 144·9 | 72·6 | 0·845 | 76 | 142 | N E | 23 | ... | Fine. |
| 21 | 29·912 | 0·107 | 81·1 | 75·0 | 89·7 | 72·4 | 142·4 | 68·7 | 0·788 | 74 | 142 | NE by N | 16 | ... | Do. |
| 22 | 29·916 | 0·113 | 80·7 | 73·6 | 88·7 | 70·9 | 141·3 | 70·2 | 0·735 | 71 | 146 | NE by N | 20 | ... | Do. |
| 23 | 29·924 | 0·119 | 79·9 | 74·0 | 88·4 | 71·9 | 138·9 | 68·5 | 0·761 | 74 | 122 | NE by N | 60 | ... | Passing clouds. |
| 24 | 29·933 | 0·106 | 79·2 | 77·1 | 84·4 | 74·2 | 116·1 | 73·5 | 0·904 | 91 | 133 | NE by N | 87 | 1·39 | Thunderstorm 2 A.M.: cloudy. |
| 25 | 29·939 | 0·103 | 78·9 | 76·9 | 84·8 | 76·4 | 140·5 | 74·7 | 0·899 | 91 | 104 | NE by E | 83 | 0·58 | Cloudy with showers: th. and lg. |
| 26 | 29·950 | 0·122 | 79·3 | 76·2 | 83·6 | 74·9 | 110·2 | 72·7 | 0·863 | 87 | 96 | East | 80 | 1·55 | Cloudy and rainy. |
| 27 | 29·867 | 0·139 | 79·6 | 77·3 | 88·4 | 75·8 | 140·1 | 74·2 | 0·908 | 91 | 153 | NE by E | 65 | 0 45 | Cloudy with showers. |
| 28 | 29·845 | 0·110 | 81·5 | 77·2 | 88·4 | 75·3 | 146·4 | 74·1 | 0·877 | 83 | 147 | E by N | 60 | 0·18 | Passing clouds and showers. |
| 29 | 29·843 | 0·105 | 79·6 | 76·5 | 88·7 | 74·1 | 146·1 | 72·9 | 0·869 | 87 | 159 | NE by N | 65 | 0·31 | Do. |
| 30 | 29·790 | 0·140 | 74·1 | 73·5 | 76·0 | 72·9 | 82·9 | 72·7 | 0·820 | 98 | 224 | N N W | 100 | 4·72 | Steady rain. |
| 31 | 29·369 | 0·260 | 74·5 | 73·6 | 78·9 | 73·1 | 75·9 | 72·7 | 0·818 | 97 | 661 | NW by N | 100 | 9·20 | Cyclone: th. and lg. |
| Mean | 29·875 | 0·119 | 80·6 | 76·6 | 88·6 | 75·0 | 134·4 | 72·9 | 0·864 | 83 | 130 | NE by N | 58 | 21·27 | |

*Note*—The cyclone recorded on the 31st prevailed more or less throughout the 30th and 31st October and the 1st November. The rain commenced at 9 P.M. on the 29th and was heavily continuous for the next forty-eight hours, during which time over 14 inches were collected. It almost entirely ceased about an hour before the middle of the storm. The cyclone proper, as indicated by falling barometer and rising wind, may be said to have begun about 2 P.M. on the 30th. It reached its maximum force between 8 and 9 P.M. on the 31st, nearly an hour before the time of lowest pressure, which was almost exactly at 10 P.M., when the wind moderated for about three hours, afterwards rising considerably between 1 and 4 A.M. on the 1st November, and only

# Madras Meteorological Observations. 1888—November.

| November 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·721 | 0·093 | 79·8 | 76·3 | 84·7 | 74·0 | 131·7 | 72·2 | 0·861 | 85 | 431 | SE by S | 95 | 0·20 | Overcast and showers. |
| 2 | 29·812 | 0·101 | 81·0 | 78·4 | 87·3 | 74·8 | 139·7 | 74·3 | 0·938 | 89 | 114 | SE by S | 65 | 0·65 | Passing clouds and showers. |
| 3 | 29·849 | 0·091 | 81·0 | 77·0 | 86·6 | 76·6 | 140·9 | 75·0 | 0·875 | 83 | 121 | SE by S | 45 | 0·19 | Do. |
| 4 | 29·863 | 0·107 | 77·0 | 75·3 | 81·7 | 75·0 | 99·7 | 74·6 | 0·856 | 92 | 31 | SE by S | 81 | 0·59 | Do. |
| 5 | 29·878 | 0·117 | 78·7 | 76·2 | 87·8 | 74·4 | 143·2 | 73·3 | 0·869 | 89 | 66 | South | 82 | 0·10 | Cloudy: lg. |
| 6 | 29·869 | 0·098 | 81·0 | 77·0 | 87·3 | 75·0 | 146·2 | 73·5 | 0·875 | 84 | 94 | S S E | 43 | 0·01 | Passing clouds: lg. |
| 7 | 29·870 | 0·121 | 81·1 | 76·5 | 87·9 | 75·2 | 146·2 | 72·8 | 0·852 | 81 | 75 | SE by S | 42 | 0·08 | Passing clouds. |
| 8 | 29·884 | 0·084 | 81·3 | 76·7 | 87·9 | 75·8 | 143·5 | 72·9 | 0·858 | 81 | 71 | SE by E | 38 | ... | Do. |
| 9 | 29·901 | 0·089 | 80·5 | 77·7 | 89·3 | 76·0 | 149·7 | 73·5 | 0·914 | 88 | 75 | East | 62 | 0·21 | Passing clouds: rain. |
| 10 | 29·883 | 0·128 | 81·7 | 77·7 | 88·7 | 75·4 | 152·2 | 74·4 | 0·897 | 82 | 81 | East | 55 | 0·02 | Passing clouds. |
| 11 | 29·888 | 0·101 | 81·2 | 77·1 | 89·2 | 75·7 | 151·7 | 72·9 | 0·877 | 83 | 73 | E by N | 60 | 0·52 | Passing clouds: rain. |
| 12 | 29·943 | 0·088 | 82·1 | 77·7 | 89·0 | 75·7 | 146·1 | 71·8 | 0·891 | 81 | 97 | E by N | 58 | 0·68 | Passing clouds and showers. |
| 13 | 29·975 | 0·099 | 79·7 | 76·5 | 88·9 | 74·8 | 144·2 | 72·8 | 0·871 | 87 | 131 | E by N | 72 | 0·22 | Do. |
| 14 | 29·949 | 0·104 | 80·5 | 76·9 | 89·1 | 75·7 | 147·8 | 73·8 | 0·876 | 84 | 129 | N E | 75 | 0·14 | Cloudy: rain. |
| 15 | 29·945 | 0·105 | 78·6 | 75·4 | 87·0 | 75·8 | 149·2 | 73·8 | 0·838 | 85 | 116 | N N E | 68 | 0·23 | Passing clouds: rain. |
| 16 | 29·961 | 0·085 | 77·7 | 73·3 | 85·2 | 75·3 | 142·3 | 73·5 | 0·762 | 80 | 201 | N by E | 65 | 0·18 | Do. : do. |
| 17 | 29·945 | 0·114 | 76·5 | 69·4 | 84·6 | 69·0 | 142·5 | 64·5 | 0·625 | 69 | 167 | N by E | 37 | ... | Passing clouds. |
| 18 | 29·919 | 0·090 | 74·4 | 68·7 | 83·0 | 67·8 | 136·5 | 63·5 | 0·627 | 73 | 197 | N by E | 43 | ... | Do. |
| 19 | 29·872 | 0·113 | 74·6 | 69·1 | 84·2 | 68·0 | 140·1 | 64·1 | 0·639 | 74 | 165 | N by E | 35 | ... | Do. |
| 20 | 29·883 | 0·097 | 75·7 | 71·8 | 84·9 | 67·0 | 145·8 | 63·5 | 0·728 | 82 | 120 | N by E | 30 | ... | Do. |
| 21 | 29·924 | 0·095 | 76·7 | 71·8 | 86·0 | 69·6 | 142·5 | 61·8 | 0·718 | 77 | 133 | N N E | 37 | ... | Do. |
| 22 | 29·981 | 0·082 | 75·6 | 70·8 | 82·9 | 68·4 | 144·0 | 62·9 | 0·692 | 78 | 181 | N N E | 50 | ... | Do. |
| 23 | 29·956 | 0·129 | 78·5 | 73·8 | 85·0 | 73·6 | 143·3 | 71·7 | 0·772 | 79 | 228 | N by E | 80 | ... | Cloudy. |
| 24 | 29·979 | 0·131 | 74·1 | 73·7 | 76·0 | 72·8 | 86·5 | 69·6 | 0·824 | 98 | 143 | North | 100 | 1·84 | Rainy and overcast: th. and lg. |
| 25 | 29·999 | 0·106 | 76·8 | 75·6 | 86·0 | 73·0 | 140·3 | 71·5 | 0·873 | 94 | 127 | N E | 100 | 1·66 | Do. do. |
| 26 | 30·021 | 0·066 | 77·2 | 75·5 | 84·6 | 75·8 | 127·5 | 74·0 | 0·862 | 92 | 155 | E by N | 90 | 1·52 | Rainy and overcast. |
| 27 | 30·015 | 0·061 | 75·9 | 74·5 | 85·0 | 73·0 | 118·0 | 72·1 | 0·839 | 93 | 92 | N E | 85 | 0·07 | Cloudy. |
| 28 | 29·994 | 0·095 | 77·9 | 74·7 | 87·4 | 73·0 | 145·5 | 71·9 | 0·818 | 85 | 103 | N E | 60 | 0·06 | Do. |
| 29 | 29·995 | 0·106 | 79·0 | 75·5 | 87·3 | 72·8 | 141·7 | 70·7 | 0·837 | 85 | 115 | N E | 35 | ... | Passing clouds. |
| 30 | 30·003 | 0·101 | 78·9 | 76·0 | 86·8 | 73·8 | 143·1 | 70·8 | 0·859 | 87 | 97 | N E | 50 | 0·36 | Passing clouds: rain. |
| Mean | 29·923 | 0·100 | 78·5 | 74·9 | 86·0 | 73·4 | 139·1 | 71·1 | 0·821 | 84 | 131 | E N E | 61 | 9·53 | |

becoming ordinary by noon on that day. The lowest barometric pressure reduced to 32° was 28·995 inches and the greatest hourly wind velocity 46 miles. The gusts were, however, unquestionably stronger than in the memorable cyclone of May 1872, when the maximum hourly velocity was actually seven miles greater. One of the gusts blew over a train on the South India Railway. The centre of the cyclone passed between the Observatory and the Marine Office. See *Cyclone Memoirs*, Part III.

# Madras Meteorological Observations. 1888—December.

| December 1888 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·979 | 0·122 | 79·5 | 75·4 | 86·4 | 74·0 | 142·9 | 71·9 | 0·827 | 82 | 178 | NE by N | 45 | ... | Passing clouds. |
| 2 | 29·944 | 0·131 | 80·2 | 75·9 | 85·5 | 76·0 | 143·8 | 73·5 | 0·838 | 82 | 206 | N N E | 47 | 0·02 | Do. |
| 3 | 29·943 | 0·106 | 79·2 | 75·5 | 86·0 | 75·2 | 141·2 | 73·9 | 0·835 | 85 | 257 | N by E | 53 | ... | Do. |
| 4 | 29·973 | 0·119 | 76·8 | 74·3 | 79·1 | 74·2 | 83·1 | 72·3 | 0·816 | 89 | 213 | NE by N | 100 | 4·55 | Overcast and rainy : th. |
| 5 | 29·975 | 0·073 | 77·6 | 73·7 | 83·4 | 73·2 | 113·9 | 72·1 | 0·785 | 84 | 238 | N E | 92 | 0·08 | Overcast. |
| 6 | 29·977 | 0·095 | 75·7 | 71·1 | 82·0 | 73·5 | 133·3 | 69·9 | 0·702 | 79 | 155 | NE by N | 72 | ... | Cloudy. |
| 7 | 29·975 | 0·085 | 75·3 | 70·8 | 83·7 | 68·5 | 144·7 | 65·1 | 0·694 | 81 | 164 | N N E | 60 | ... | Passing clouds. |
| 8 | 29·984 | 0·083 | 75·7 | 71·2 | 84·2 | 70·2 | 140·9 | 69·8 | 0·709 | 80 | 159 | N N E | 47 | ... | Do. |
| 9 | 29·976 | 0·129 | 74·4 | 68·8 | 81·7 | 68·9 | 133·0 | 71·8 | 0·630 | 74 | 207 | N by E | 50 | ... | Do. |
| 10 | 29·957 | 0·083 | 73·3 | 67·7 | 81·4 | 65·1 | 144·9 | 60·9 | 0·605 | 74 | 176 | N by E | 50 | ... | Do. |
| 11 | 29·983 | 0·129 | 72·4 | 66·5 | 79·4 | 67·8 | 136·9 | 65·5 | 0·573 | 73 | 207 | North | 75 | ... | Cloudy. |
| 12 | 29·953 | 0·105 | 70·8 | 65·6 | 79·8 | 66·1 | 142·3 | 63·0 | 0·562 | 75 | 239 | N N W | 73 | ... | Passing clouds. |
| 13 | 29·857 | 0·113 | 71·6 | 65·4 | 77·1 | 67·1 | 131·3 | 64·9 | 0·545 | 72 | 411 | N by W | 78 | 0·11 | Cloudy : rain. |
| 14 | 29·900 | 0·083 | 71·2 | 70·4 | 83·4 | 66·0 | 128·7 | 65·3 | 0·734 | 96 | 254 | NE by N | 100 | 2·81 | Stormy and rainy. |
| 15 | 29·965 | 0·103 | 77·1 | 74·7 | 85·1 | 71·1 | 139·0 | 66·4 | 0·828 | 90 | 88 | East | 73 | 0·10 | Cloudy : rain. |
| 16 | 30·006 | 0·092 | 77·8 | 75·2 | 85·0 | 72·8 | 141·2 | 69·9 | 0·841 | 88 | 97 | E by S | 37 | ... | Passing clouds. |
| 17 | 30·043 | 0·086 | 78·1 | 74·4 | 85·6 | 72·2 | 139·3 | 68·8 | 0·803 | 83 | 93 | NE by E | 42 | ... | Do. |
| 18 | 30·070 | 0·106 | 77·9 | 74·3 | 85·1 | 73·0 | 138·9 | 69·7 | 0·801 | 84 | 172 | NE by N | 42 | 0·02 | Do. |
| 19 | 30·063 | 0·141 | 76·1 | 71·3 | 84·7 | 70·0 | 139·9 | 66·9 | 0·704 | 78 | 139 | N E | 50 | ... | Do. |
| 20 | 30·057 | 0·091 | 74·1 | 68·9 | 83·0 | 66·0 | 140·7 | 60·7 | 0·638 | 75 | 110 | NE by N | 25 | ... | Fine. |
| 21 | 30·030 | 0·143 | 74·1 | 70·5 | 83·4 | 66·2 | 144·4 | 62·9 | 0·700 | 83 | 128 | NE by N | 35 | ... | Passing clouds. |
| 22 | 30·023 | 0·093 | 72·3 | 69·7 | 82·5 | 67·0 | 144·7 | 61·7 | 0·693 | 88 | 83 | N N E | 42 | ... | Do. |
| 23 | 30·023 | 0·112 | 74·5 | 71·3 | 82·1 | 69·1 | 136·9 | 64·9 | 0·725 | 83 | 127 | NE by N | 57 | ... | Do. |
| 24 | 30·004 | 0·085 | 74·7 | 70·4 | 82·7 | 68·4 | 138·5 | 63·0 | 0·687 | 79 | 165 | N N E | 30 | ... | Fine. |
| 25 | 30·045 | 0·099 | 73·9 | 68·5 | 83·8 | 66·8 | 141·9 | 62·2 | 0·626 | 74 | 170 | N N E | 25 | ... | Do. |
| 26 | 30·044 | 0·111 | 72·7 | 67·9 | 81·5 | 65·3 | 137·9 | 60·5 | 0·620 | 77 | 119 | N N E | 50 | ... | Passing clouds. |
| 27 | 30·008 | 0·113 | 72·4 | 66·1 | 80·9 | 68·8 | 124·5 | 62·7 | 0·558 | 70 | 125 | N by E | 47 | ... | Do. |
| 28 | 29·997 | 0·109 | 72·1 | 67·6 | 81·3 | 64·9 | 140·1 | 60·2 | 0·617 | 78 | 124 | North | 48 | ... | Do. |
| 29 | 29·970 | 0·118 | 72·0 | 68·4 | 82·9 | 65·9 | 142·0 | 61·9 | 0·648 | 83 | 105 | N by E | 40 | ... | Do. |
| 30 | 29·968 | 0·111 | 72·0 | 66·0 | 81·2 | 61·1 | 135·9 | 60·3 | 0·560 | 71 | 138 | N by E | 30 | ... | Fine |
| 31 | 29·979 | 0·093 | 73·1 | 69·0 | 81·5 | 67·0 | 137·1 | 62·8 | 0·655 | 81 | 140 | N by E | 27 | ... | Do. |
| Mean | 29·989 | 0·105 | 74·8 | 70·5 | 82·8 | 69·1 | 136·3 | 66·0 | 0·695 | 80 | 167 | N N E | 53 | 7·69 | |

13th.—The disturbance at this time was due to a moderate cyclone which crossed the coast far to the south of Madras.

## Madras Mean Monthly and Annual Meteorological Results in 1888.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·022 | 0·104 | 74·7 | 84·2 | 67·7 | 16·5 | 70·0 | 66·5 | 0·673 | 79 | 140·1 | 63·3 | 113 | 5 | N E by E | 0·72 | 4 | 66 |
| February | 29·989 | 0·113 | 76·7 | 86·0 | 68·6 | 17·4 | 71·6 | 68·0 | 0·707 | 77 | 141·8 | 64·3 | 111 | 11 | S E by E | ... | ... | 78 |
| March | 29·919 | 0·117 | 79·9 | 88·9 | 72·2 | 16·7 | 74·6 | 71·4 | 0·788 | 77 | 143·1 | 68·7 | 135 | 13 | S E by S | ... | ... | 83 |
| April | 29·815 | 0·130 | 84·6 | 92·5 | 78·6 | 13·9 | 79·6 | 77·0 | 0·949 | 80 | 145·4 | 76·1 | 195 | 14 | S S E | 0·13 | 1 | 71 |
| May | 29·741 | 0·117 | 85·5 | 94·6 | 79·7 | 14·9 | 79·8 | 76·9 | 0·943 | 77 | 143·4 | 78·2 | 221 | 15 | S by E | 3·17 | 2 | 67 |
| June | 29·705 | 0·120 | 86·9 | 99·0 | 81·0 | 18·0 | 78·3 | 75·1 | 0·856 | 67 | 145·7 | 79·3 | 223 | 20 | S W | 1·93 | 8 | 49 |
| July | 29·743 | 0·122 | 84·0 | 95·5 | 78·2 | 17·3 | 77·2 | 74·1 | 0·846 | 73 | 141·4 | 76·9 | 182 | 19 | S W by S | 4·63 | 18 | 26 |
| August | 29·767 | 0·121 | 82·9 | 92·8 | 76·5 | 16·3 | 76·7 | 73·5 | 0·837 | 74 | 138·9 | 75·3 | 168 | 20 | S W | 8·09 | 16 | 39 |
| September | 29·801 | 0·124 | 83·4 | 94·4 | 76·9 | 17·5 | 77·7 | 74·4 | 0·873 | 76 | 147·2 | 75·1 | 141 | 17 | S by W | 2·32 | 12 | 54 |
| October | 29·875 | 0·118 | 80·6 | 88·6 | 75·0 | 13·6 | 76·6 | 73·8 | 0·864 | 83 | 134·4 | 72·9 | 130 | 3 | N E by N | 24·27 | 17 | 42 |
| November | 29·923 | 0·100 | 78·5 | 86·0 | 73·4 | 12·6 | 74·9 | 72·5 | 0·821 | 84 | 139·1 | 71·1 | 131 | 6 | E N E | 9·53 | 21 | 39 |
| December | 29·989 | 0·105 | 74·8 | 82·8 | 69·1 | 13·7 | 70·5 | 67·0 | 0·695 | 80 | 136·3 | 66·0 | 167 | 2 | N N E | 7·69 | 7 | 47 |
| Annual | 29·858 | 0·116 | 81·0 | 90·4 | 74·7 | 15·7 | 75·6 | 72·5 | 0·821 | 77 | 141·4 | 72·3 | 160 | 12 | S E | 62·48 | 106 | 55 |

## Madras Extreme Monthly Meteorological Records in 1888.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | ° | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·146 | 7 | 29·879 | 27 | 0·267 | 88·7 | 28 | 62·3 | 18 | 61·6 | 18 | 47 | 21 | 147·2 | 20 | 57·4 | 18 | 222 | 9 | 57 | 24 | 0·66 | 6 |
| February | 30·190 | 3 | 29·833 | 15 | 0·357 | 88·2 | 26 | 63·5 | 8 | 63·3 | 8 | 52 | 8 | 147·2 | 24 | 58·5 | 8 | 162 | 17 | 66 | 4 | ... | ... |
| March | 30·086 | 14 | 29·755 | 25 | 0·331 | 92·3 | 16 | 68·4 | 5 | 67·5 | 5 | 47 | 25 | 149·3 | 7 | 64·0 | 22 | 211 | 31 | 75 | 7 | ... | ... |
| April | 30·010 | 22 | 29·628 | 30 | 0·382 | 98·1 | 24 | 72·2 | 3 | 71·5 | 4 | 56 | 26 | 152·1 | 23 | 68·8 | 3 | 277 | 26 | 79 | 14 | 0·13 | 14 |
| May | 29·886 | 15 | 29·561 | 31 | 0·325 | 103·2 | 21 | 75·6 | 11 | 70·8 | 26 | 45 | 20 | 152·6 | 31 | 73·3 | 11 | 278 | 11 | 137 | 9 | 1·60 | 12 |
| June | 29·809 | 13 | 29·567 | 1 | 0·242 | 104·1 | 2 | 76·1 | 11 | 72·8 | 18 | 39 | 14 | 153·8 | 13 | 74·1 | 27 | 267 | 14 | 172 | 18 | 0·89 | 15 |
| July | 29·865 | 3 | 29·585 | 11 | 0·280 | 102·2 | 4 | 72·5 | 18 | 71·6 | 18 | 41 | 11 | 151·3 | 6 | 72·0 | 18 | 235 | 6 | 75 | 12 | 1·19 | 22 |
| August | 29·905 | 25 | 29·600 | 7 | 0·305 | 98·4 | 10 | 71·4 | 1 | 70·3 | 18 | 48 | 31 | 147·4 | 22 | 69·8 | 1 | 210 | 1 | 114 | 16 | 2·45 | 1 |
| September | 29·994 | 22 | 29·603 | 15 | 0·391 | 97·7 | 27 | 69·4 | 4 | 66·8 | 4 | 46 | 5 | 154·3 | 10 | 68·6 | 4 | 250 | 17 | 76 | 21 | 0·82 | 4 |
| October | 30·036 | 11 | 29·464 | 31 | 0·572 | 97·2 | 3 | 70·9 | 22 | 69·1 | 22 | 56 | 12 | 151·5 | 2 | 68·5 | 23 | 661 | 31 | 37 | 16 | 9·20 | 31 |
| November | 30·053 | 25 | 29·645 | 1 | 0·408 | 89·3 | 9 | 67·0 | 20 | 65·9 | 18 | 52 | 17 | 152·2 | 10 | 62·9 | 22 | 431 | 1 | 31 | 4 | 1·84 | 24 |
| December | 30·144 | 19 | 29·808 | 13 | 0·336 | 86·4 | 1 | 61·1 | 30 | 60·6 | 30 | 51 | 27 | 144·9 | 10 | 60·2 | 28 | 411 | 13 | 83 | 22 | 4·55 | 4 |

# Madras Meteorological Observations. 1889—January.

| January 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·004 | 0·101 | 74·9 | 69·5 | 83·7 | 63·1 | 137·0 | 57·8 | 0·650 | 75 | 174 | N N E | 27 | ... | Fine. |
| 2 | 30·062 | 0·119 | 74·0 | 69·0 | 84·6 | 66·3 | 142·0 | 61·6 | 0·643 | 76 | 167 | NE by N | 15 | ... | Do. |
| 3 | 30·042 | 0·138 | 73·0 | 68·6 | 83·2 | 64·9 | 139·1 | 60·2 | 0·641 | 79 | 123 | NE by N | 30 | ... | Passing clouds. |
| 4 | 29·985 | 0·121 | 74·5 | 70·7 | 84·5 | 66·1 | 145·2 | 60·8 | 0·702 | 82 | 106 | NE by N | 18 | ... | Fine |
| 5 | 29·999 | 0·114 | 75·1 | 71·5 | 84·8 | 66·3 | 141·0 | 62·7 | 0·725 | 84 | 116 | NE by N | 10 | ... | Do. |
| 6 | 30·056 | 0·130 | 76·8 | 74·3 | 87·4 | 72·6 | 142·5 | 63·4 | 0·816 | 88 | 132 | NE by N | 70 | 0·04 | Cloudy. |
| 7 | 30·095 | 0·073 | 78·7 | 75·7 | 87·5 | 76·7 | 148·0 | 74·6 | 0·849 | 87 | 264 | N E | 85 | 0·01 | Do. |
| 8 | 30·088 | 0·093 | 76·4 | 71·9 | 84·6 | 72·3 | 142·7 | 69·6 | 0·723 | 79 | 154 | NE by N | 57 | ... | Passing clouds. |
| 9 | 30·080 | 0·090 | 74·7 | 70·9 | 84·7 | 67·3 | 139·0 | 62·1 | 0·707 | 82 | 71 | NE by E | 33 | ... | Do. |
| 10 | 30·055 | 0·101 | 74·2 | 70·5 | 84·7 | 65·5 | 142·4 | 60·6 | 0·698 | 83 | 74 | E N E | 25 | ... | Do. |
| 11 | 30·025 | 0·143 | 72·9 | 68·7 | 84·2 | 68·1 | 143·5 | 63·6 | 0·646 | 80 | 69 | E N E | 25 | ... | Do. |
| 12 | 29·986 | 0·131 | 71·7 | 68·3 | 82·9 | 62·7 | 135·2 | 58·4 | 0·647 | 83 | 54 | E by N | 20 | ... | Fine. |
| 13 | 29·989 | 0·129 | 71·5 | 69·0 | 84·0 | 65·1 | 141·8 | 55·9 | 0·677 | 88 | 42 | E by N | 45 | ... | Passing clouds. |
| 14 | 29·994 | 0·089 | 71·6 | 68·8 | 83·5 | 63·3 | 145·9 | 57·8 | 0·668 | 86 | 58 | E by N | 40 | ... | Do. |
| 15 | 30·001 | 0·096 | 74·2 | 70·3 | 85·2 | 64·9 | 140·0 | 60·4 | 0·690 | 81 | 115 | N E | 35 | ... | Do. |
| 16 | 30·003 | 0·083 | 75·7 | 71·2 | 84·3 | 67·3 | 144·3 | 63·1 | 0·703 | 79 | 154 | N E | 25 | ... | Fine. |
| 17 | 30·028 | 0·069 | 75·5 | 71·8 | 85·4 | 67·3 | 144·2 | 62·3 | 0·731 | 83 | 132 | NE by N | 40 | ... | Passing clouds. |
| 18 | 30·031 | 0·081 | 75·8 | 71·3 | 86·8 | 68·5 | 140·2 | 63·9 | 0·708 | 79 | 138 | NE by N | 40 | ... | Do. |
| 19 | 30·023 | 0·133 | 75·4 | 71·1 | 85·3 | 69·2 | 144·7 | 65·1 | 0·705 | 80 | 168 | NE by N | 35 | ... | Do. |
| 20 | 30·044 | 0·074 | 74·3 | 70·8 | 85·2 | 67·3 | 143·4 | 61·6 | 0·708 | 84 | 99 | NE by N | 25 | ... | Fine. |
| 21 | 30·077 | 0·094 | 74·4 | 70·7 | 85·4 | 67·9 | 144·3 | 63·9 | 0·703 | 83 | 113 | N E | 20 | ... | Do. |
| 22 | 30·054 | 0·149 | 71·4 | 71·4 | 85·4 | 66·1 | 142·5 | 60·6 | 0·730 | 86 | 71 | N E | 15 | ... | Do. |
| 23 | 29·993 | 0·135 | 74·2 | 71·1 | 85·4 | 64·9 | 137·7 | 60·4 | 0·722 | 86 | 45 | E by N | 0 | ... | Clear. |
| 24 | 29·990 | 0·147 | 73·4 | 70·2 | 84·3 | 65·9 | 139·5 | 60·6 | 0·692 | 85 | 77 | E by S | 10 | ... | Fine. |
| 25 | 30·035 | 0·095 | 74·4 | 71·0 | 83·8 | 65·1 | 140·6 | 60·6 | 0·714 | 84 | 71 | E N E | 15 | ... | Do. |
| 26 | 30·065 | 0·049 | 75·1 | 71·5 | 86·1 | 66·9 | 142·7 | 62·8 | 0·725 | 84 | 119 | N E | 5 | ... | Do. |
| 27 | 30·069 | 0·098 | 75·0 | 71·5 | 85·8 | 67·3 | 143·7 | 62·6 | 0·726 | 84 | 117 | N E | 15 | ... | Do. |
| 28 | 30·051 | 0·112 | 75·8 | 69·4 | 85·5 | 67·5 | 143·5 | 63·4 | 0·034 | 71 | 99 | N E | 25 | ... | Do. |
| 29 | 29·987 | 0·101 | 74·3 | 69·2 | 84·4 | 65·1 | 144·3 | 59·6 | 0·647 | 76 | 62 | E by N | 17 | ... | Do. |
| 30 | 29·975 | 0·128 | 76·2 | 72·2 | 87·5 | 66·8 | 148·5 | 63·8 | 0·737 | 82 | 73 | E by S | 5 | ... | Do. |
| 31 | 29·956 | 0·130 | 77·0 | 73·3 | 86·7 | 65·6 | 149·3 | 60·4 | 0·771 | 83 | 109 | E S E | 10 | ... | Do. |
| Mean | 30·027 | 0·108 | 74·7 | 70·8 | 85·1 | 66·9 | 142·5 | 62·1 | 0·704 | 82 | 109 | NE by E | 27 | 0·05 | |

*Note.*—From January 1st tho hours of observation were changed to 8 A.M., 2 P.M., and 8 P.M.

# Madras Meteorological Observations. 1889—February.

| February 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Cents | Cents | Inches | |
| 1 | 29·952 | 0·083 | 77·3 | 73·9 | 89·4 | 68·3 | 142·7 | 64·6 | 0·792 | 84 | 101 | E by N | 25 | ... | Fine. |
| 2 | 29·998 | 0·076 | 75·7 | 71·5 | 86·6 | 68·6 | 140·2 | 63·4 | 0·717 | 81 | 101 | N E | 15 | ... | Do. |
| 3 | 30·020 | 0·111 | 75·7 | 72·3 | 86·1 | 67·8 | 142·6 | 63·3 | 0·748 | 84 | 46 | E N E | 20 | ... | Do. |
| 4 | 30·018 | 0·113 | 75·0 | 71·2 | 86·4 | 67·9 | 143·6 | 61·8 | 0·714 | 82 | 55 | East | 30 | ... | Do. |
| 5 | 30·019 | 0·107 | 76·0 | 71·7 | 85·9 | 67·2 | 142·6 | 63·2 | 0·720 | 80 | 75 | E by S | 25 | ... | Do. |
| 6 | 30·009 | 0·112 | 76·2 | 71·1 | 86·0 | 68·7 | 142·0 | 64·4 | 0·695 | 77 | 72 | East | 25 | ... | Do. |
| 7 | 30·021 | 0·118 | 76·7 | 71·3 | 87·2 | 68·2 | 144·0 | 64·6 | 0·695 | 76 | 123 | E by N | 25 | ... | Do. |
| 8 | 30·019 | 0·129 | 76·4 | 70·7 | 85·9 | 66·5 | 140·2 | 67·0 | 0·676 | 74 | 94 | E by N | 20 | ... | Do. |
| 9 | 30·034 | 0·097 | 73·5 | 69·8 | 85·4 | 65·9 | 146·1 | 60·4 | 0·680 | 82 | 61 | E by N | 22 | ... | Do. |
| 10 | 30·020 | 0·147 | 75·1 | 71·6 | 86·0 | 64·6 | 140·0 | 60·6 | 0·729 | 84 | 66 | E by S | 0 | ... | Clear. |
| 11 | 30·014 | 0·131 | 74·6 | 72·0 | 85·4 | 67·7 | 143·8 | 61·6 | 0·752 | 87 | 69 | E S E | 30 | ... | Passing clouds. |
| 12 | 29·999 | 0·138 | 75·2 | 72·3 | 86·3 | 67·1 | 140·5 | 62·6 | 0·755 | 86 | 91 | SE by E | 20 | ... | Fine. |
| 13 | 30·038 | 0·134 | 77·0 | 72·6 | 88·9 | 67·5 | 143·3 | 62·6 | 0·743 | 80 | 96 | E S E | 15 | ... | Do. |
| 14 | 30·053 | 0·096 | 78·5 | 71·6 | 88·1 | 67·0 | 142·3 | 63·0 | 0·683 | 70 | 111 | E by N | 10 | ... | Do. |
| 15 | 30·033 | 0·073 | 77·6 | 71·4 | 86·7 | 68·1 | 149·2 | 63·7 | 0·688 | 72 | 111 | E N E | 15 | ... | Do. |
| 16 | 30·057 | 0·084 | 76·7 | 71·4 | 87·4 | 67·2 | 145·3 | 62·9 | 0·699 | 76 | 88 | NE by E | 25 | ... | Passing clouds. |
| 17 | 30·000 | 0·112 | 76·5 | 70·4 | 86·0 | 66·6 | 143·2 | 62·7 | 0·663 | 73 | 83 | E by N | 15 | ... | Fine. |
| 18 | 29·951 | 0·147 | 75·8 | 71·5 | 86·2 | 66·6 | 140·5 | 62·5 | 0·715 | 80 | 113 | SE by E | 0 | ... | Clear. |
| 19 | 29·918 | 0·087 | 78·0 | 73·2 | 90·4 | 68·3 | 143·9 | 64·7 | 0·754 | 79 | 122 | S S E | 10 | ... | Fine. |
| 20 | 29·938 | 0·076 | 79·2 | 74·3 | 88·6 | 70·9 | 146·4 | 67·2 | 0·784 | 78 | 107 | SE by E | 5 | ... | Do. |
| 21 | 29·967 | 0·107 | 79·0 | 73·3 | 89·1 | 71·6 | 144·3 | 67·9 | 0·744 | 75 | 110 | E N E | 15 | ... | Do. |
| 22 | 29·962 | 0·106 | 78·2 | 71·6 | 88·0 | 69·5 | 143·5 | 66·2 | 0·688 | 72 | 107 | East | 10 | ... | Do. |
| 23 | 29·997 | 0·085 | 78·0 | 70·2 | 87·6 | 68·2 | 142·1 | 63·2 | 0·635 | 66 | 108 | East | 5 | ... | Do. |
| 24 | 29·991 | 0·115 | 77·5 | 70·3 | 87·6 | 65·3 | 143·2 | 61·7 | 0·646 | 68 | 93 | E by N | 0 | ... | Clear. |
| 25 | 29·986 | 0·119 | 79·7 | 73·9 | 89·3 | 71·3 | 151·3 | 68·9 | 0·760 | 75 | 146 | E by N | 15 | ... | Fine. |
| 26 | 29·983 | 0·116 | 80·5 | 75·9 | 88·6 | 71·8 | 143·2 | 68·7 | 0·834 | 80 | 95 | E S E | 10 | ... | Do. |
| 27 | 30·007 | 0·056 | 78·1 | 73·5 | 88·4 | 71·1 | 142·3 | 66·7 | 0·766 | 80 | 89 | East | 12 | ... | Do. |
| 28 | 30·007 | 0·138 | 78·8 | 73·6 | 88·6 | 68·3 | 144·3 | 64·3 | 0·760 | 77 | 82 | East | 5 | ... | Do. |
| Mean | 30·000 | 0·108 | 77·0 | 72·1 | 87·4 | 68·1 | 143·5 | 64·1 | 0·723 | 78 | 93 | East | 15 | *Nil.* | |

# Madras Meteorological Observations. 1889—March.

| March 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·016 | 0·079 | 79·0 | 74·5 | 89·1 | 69·3 | 149·5 | 65·8 | 0·795 | 80 | 108 | E by S | 27 | ... | Passing clouds. |
| 2 | 30·017 | 0·096 | 80·9 | 76·1 | 88·1 | 73·1 | 144·4 | 70·0 | 0·837 | 79 | 131 | E S E | 20 | ... | Fine. |
| 3 | 30·052 | 0·055 | 81·3 | 75·8 | 89·4 | 73·3 | 149·6 | 70·3 | 0·819 | 77 | 127 | SE by E | 45 | ... | Passing clouds. |
| 4 | 30·081 | 0·052 | 81·8 | 74·5 | 88·4 | 75·0 | 146·5 | 71·7 | 0·758 | 70 | 108 | SEby E | 63 | ... | Do. |
| 5 | 30·087 | 0·068 | 81·4 | 74·6 | 90·1 | 70·4 | 146·3 | 66·8 | 0·766 | 72 | 97 | E by N | 32 | ... | Do. |
| 6 | 30·069 | 0·079 | 79·9 | 73·6 | 90·0 | 70·1 | 143·1 | 65·8 | 0·744 | 73 | 77 | E by N | 5 | ... | Fine. |
| 7 | 30·033 | 0·121 | 79·6 | 73·9 | 89·9 | 70·8 | 143·3 | 67·4 | 0·761 | 75 | 75 | E by S | 0 | ... | Clear. |
| 8 | 30·006 | 0·112 | 78·2 | 72·3 | 90·1 | 70·1 | 146·2 | 67·5 | 0·715 | 74 | 83 | SE by E | 25 | ... | Fine. |
| 9 | 29·988 | 0·099 | 79·5 | 72·1 | 90·6 | 69·4 | 147·1 | 66·8 | 0·689 | 69 | 84 | East | 28 | ... | Passing clouds. |
| 10 | 29·985 | 0·103 | 78·2 | 71·8 | 88·3 | 68·9 | 144·5 | 65·0 | 0·695 | 73 | 112 | E N E | 22 | ... | Fine. |
| 11 | 29·977 | 0·101 | 78·5 | 71·8 | 89·2 | 69·1 | 144·7 | 65·0 | 0·690 | 71 | 82 | E N E | 5 | ... | Do. |
| 12 | 29·987 | 0·104 | 78·6 | 73·1 | 88·9 | 66·9 | 143·7 | 63·8 | 0·742 | 76 | 77 | East | 10 | ... | Do. |
| 13 | 29·986 | 0·129 | 78·2 | 73·5 | 88·0 | 67·1 | 139·8 | 63·6 | 0·763 | 79 | 97 | E S E | 0 | ... | Clear. |
| 14 | 29·979 | 0·153 | 79·2 | 73·9 | 88·7 | 70·1 | 141·1 | 66·2 | 0·767 | 77 | 96 | SE by E | 5 | ... | Fine. |
| 15 | 29·986 | 0·148 | 78·0 | 73·8 | 87·6 | 70·4 | 141·0 | 67·7 | 0·779 | 81 | 79 | S E | 5 | ... | Do. |
| 16 | 29·965 | 0·151 | 80·3 | 75·2 | 88·3 | 71·1 | 139·8 | 67·5 | 0·807 | 78 | 103 | S E | 7 | ... | Do. |
| 17 | 29·979 | 0·079 | 81·1 | 75·9 | 89·7 | 72·1 | 143·3 | 68·9 | 0·826 | 78 | 116 | SE by E | 33 | ... | Passing clouds. |
| 18 | 29·976 | 0·116 | 80·5 | 75·2 | 90·4 | 72·9 | 147·1 | 67·5 | 0·804 | 77 | 104 | SE by E | 32 | ... | Do. |
| 19 | 29·963 | 0·135 | 81·1 | 75·4 | 91·2 | 72·0 | 145·9 | 68·8 | 0·805 | 75 | 132 | SE by S | 25 | ... | Fine. |
| 20 | 29·920 | 0·122 | 80·1 | 75·4 | 90·6 | 73·5 | 146·5 | 70·9 | 0·818 | 79 | 145 | S S E | 70 | ... | Cloudy. |
| 21 | 29·840 | 0·161 | 81·7 | 75·9 | 92·3 | 72·9 | 145·5 | 69·6 | 0·817 | 76 | 175 | S S E | 5 | ... | Fine. |
| 22 | 29·848 | 0·126 | 81·9 | 76·8 | 89·3 | 74·0 | 141·5 | 70·9 | 0·855 | 79 | 165 | S E | 0 | ... | Clear. |
| 23 | 29·885 | 0·116 | 82·2 | 75·2 | 90·9 | 73·2 | 142·8 | 70·9 | 0·781 | 71 | 148 | SE by E | 15 | ... | Fine. |
| 24 | 29·895 | 0·111 | 83·1 | 77·6 | 91·0 | 77·1 | 142·9 | 75·2 | 0·874 | 77 | 176 | SE by E | 20 | ... | Do. |
| 25 | 29·954 | 0·094 | 82·3 | 77·0 | 92·1 | 76·1 | 147·7 | 73·1 | 0·858 | 78 | 114 | E S E | 22 | ... | Do. |
| 26 | 29·976 | 0·137 | 82·5 | 76·5 | 90·3 | 74·5 | 145·7 | 71·9 | 0·833 | 75 | 100 | SE by E | 5 | ... | Do. |
| 27 | 29·876 | 0·190 | 82·2 | 77·1 | 89·7 | 73·1 | 141·2 | 73·0 | 0·864 | 79 | 121 | S S E | 15 | ... | Do. |
| 28 | 29·846 | 0·165 | 83·6 | 79·4 | 96·7 | 77·1 | 147·7 | 74·3 | 0·949 | 82 | 211 | S S E | 25 | ... | Do. |
| 29 | 29·860 | 0·093 | 84·5 | 80·3 | 91·9 | 79·6 | 141·3 | 76·9 | 0·978 | 82 | 205 | SE by S | 20 | ... | Do. |
| 30 | 29·858 | 0·150 | 84·4 | 78·4 | 94·1 | 78·0 | 147·9 | 76·1 | 0·892 | 75 | 104 | E by S | 30 | ... | Passing clouds. |
| 31 | 29·850 | 0·142 | 83·3 | 78·2 | 89·5 | 75·5 | 145·5 | 72·9 | 0·898 | 79 | 187 | S S E | 13 | ... | Fine. |
| Mean | 29·959 | 0·116 | 80·9 | 75·3 | 90·1 | 72·5 | 144·6 | 69·4 | 0·806 | 76 | 121 | SE by E | 20 | *Nil.* | |

# Madras Meteorological Observations. 1889—April.

| April 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·893 | 0·103 | 82·7 | 77·3 | 90·1 | 75·1 | 142·4 | 71·9 | 0·865 | 77 | 163 | S E | 25 | ... | Fine. |
| 2 | 29·898 | 0·086 | 82·9 | 77·4 | 91·5 | 74·0 | 145·4 | 71·3 | 0·867 | 77 | 139 | SE by E | 17 | ... | Do. |
| 3 | 29·876 | 0·086 | 83·2 | 78·6 | 93·0 | 75·6 | 148·3 | 73·5 | 0·918 | 80 | 117 | SE by E | 13 | ... | Do. |
| 4 | 29·871 | 0·102 | 81·8 | 77·9 | 91·5 | 74·2 | 142·4 | 71·0 | 0·904 | 83 | 130 | SE by S | 12 | ... | Do. |
| 5 | 29·886 | 0·056 | 80·3 | 76·6 | 90·1 | 70·3 | 140·4 | 66·2 | 0·867 | 84 | 112 | SE by S | 0 | ... | Clear. |
| 6 | 29·900 | 0·116 | 82·3 | 77·1 | 91·2 | 73·3 | 142·0 | 71·1 | 0·862 | 78 | 134 | SE by S | 3 | ... | Fine. |
| 7 | 29·859 | 0·157 | 82·8 | 77·7 | 91·3 | 74·1 | 143·0 | 70·9 | 0·883 | 79 | 146 | SE by S | 0 | ... | Clear. |
| 8 | 29·817 | 0·134 | 84·1 | 79·5 | 92·4 | 77·9 | 146·1 | 75·9 | 0·947 | 81 | 184 | S S E | 25 | ... | Fine. |
| 9 | 29·815 | 0·126 | 85·8 | 80·9 | 93·3 | 78·7 | 148·6 | 76·9 | 0·989 | 80 | 185 | SE by S | 15 | ... | Do. |
| 10 | 29·867 | 0·111 | 85·4 | 80·7 | 90·4 | 79·8 | 139·0 | 77·9 | 0·985 | 81 | 139 | SE by S | 43 | 0·91 | Passing clouds : th. : rain. |
| 11 | 29·872 | 0·115 | 85·8 | 81·0 | 92·0 | 81·0 | 143·6 | 79·3 | 0·994 | 80 | 147 | S E | 45 | ... | Passing clouds. |
| 12 | 29·851 | 0·131 | 84·9 | 80·3 | 92·2 | 78·5 | 141·6 | 76·9 | 0·975 | 81 | 141 | S E | 32 | ... | Do. |
| 13 | 29·818 | 0·117 | 84·8 | 79·6 | 92·1 | 79·3 | 147·7 | 77·9 | 0·942 | 79 | 154 | S S E | 18 | ... | Fine. |
| 14 | 29·819 | 0·099 | 84·5 | 78·6 | 91·7 | 78·1 | 143·2 | 76·9 | 0·899 | 76 | 162 | SE by S | 15 | ... | Do. |
| 15 | 29·846 | 0·081 | 85·1 | 79·1 | 92·1 | 77·1 | 143·6 | 75·0 | 0·914 | 76 | 169 | SE by S | 17 | ... | Do. |
| 16 | 29·829 | 0·107 | 84·6 | 79·0 | 92·6 | 78·1 | 143·6 | 76·0 | 0·917 | 77 | 189 | S S E | 17 | ... | Do. |
| 17 | 29·829 | 0·088 | 84·2 | 79·8 | 92·3 | 77·1 | 143·8 | 74·8 | 0·959 | 81 | 177 | S S E | 25 | ... | Do. |
| 18 | 29·865 | 0·087 | 84·3 | 78·9 | 92·1 | 77·0 | 143·6 | 74·8 | 0·916 | 77 | 153 | S S E | 15 | ... | Do. |
| 19 | 29·885 | 0·081 | 84·2 | 80·5 | 92·3 | 78·4 | 148·6 | 77·2 | 0·992 | 84 | 149 | S S E | 77 | ... | Cloudy. |
| 20 | 29·847 | 0·131 | 85·3 | 79·0 | 93·1 | 78·2 | 143·4 | 75·6 | 0·907 | 75 | 202 | S S E | 25 | ... | Fine. |
| 21 | 29·788 | 0·160 | 84·3 | 80·4 | 95·1 | 78·2 | 146·5 | 76·1 | 0·986 | 83 | 176 | S S E | 34 | ... | Passing clouds. |
| 22 | 29·793 | 0·116 | 85·4 | 81·0 | 94·2 | 71·7 | 149·1 | 70·8 | 0·999 | 81 | 213 | S S E | 40 | ... | Do. |
| 23 | 29·821 | 0·099 | 87·4 | 82·0 | 93·1 | 79·9 | 146·6 | 77·8 | 1·021 | 78 | 181 | SE by S | 52 | ... | Passing clouds : lg. |
| 24 | 29·867 | 0·045 | 82·6 | 79·5 | 87·7 | 79·3 | 140·4 | 77·8 | 0·968 | 87 | 107 | E S E | 85 | 0·96 | Cloudy : th-storm between 9 & 10 A.M. |
| 25 | 29·873 | 0·071 | 81·2 | 78·7 | 87·2 | 79·2 | 132·5 | 78·6 | 0·949 | 89 | 46 | East | 98 | 0·18 | Overcast with light showers. |
| 26 | 29·830 | 0·128 | 83·6 | 79·8 | 91·2 | 78·2 | 143·3 | 77·5 | 0·967 | 84 | 104 | E S E | 40 | ... | Passing clouds. |
| 27 | 29·804 | 0·123 | 84·9 | 80·2 | 92·4 | 78·1 | 143·4 | 76·8 | 0·969 | 80 | 122 | S E | 45 | ... | Do. |
| 28 | 29·742 | 0·146 | 85·7 | 79·3 | 93·5 | 78·4 | 142·6 | 77·0 | 0·916 | 74 | 183 | S S E | 27 | ... | Fine. |
| 29 | 29·730 | 0·154 | 86·7 | 80·9 | 97·1 | 81·4 | 144·6 | 80·8 | 0·978 | 77 | 231 | S by E | 28 | ... | Passing clouds : lg. |
| 30 | 29·727 | 0·084 | 87·3 | 81·4 | 99·3 | 81·3 | 144·4 | 80·2 | 0·993 | 76 | 140 | S by E | 47 | ... | Passing clouds. |
| Mean | 29·837 | 0·108 | 84·3 | 79·4 | 92·3 | 77·4 | 143·8 | 75·5 | 0·942 | 80 | 153 | SE by S | 31 | 2·05 | |

## Madras Meteorological Observations. 1889—May.

| May 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Points | Inches | |
| 1 | 29·707 | 0·087 | 87·9 | 81·8 | 103·4 | 83·3 | 149·5 | 82·1 | 1·004 | 76 | 195 | S by E | 37 | ... | Passing clouds. |
| 2 | 29·737 | 0·100 | 87·3 | 77·9 | 99·4 | 82·9 | 141·4 | 81·9 | 0·830 | 64 | 215 | South | 57 | ... | Do. |
| 3 | 29·791 | 0·075 | 87·0 | 82·1 | 94·0 | 83·5 | 141·5 | 82·5 | 1·032 | 80 | 254 | S by E | 32 | ... | Do. |
| 4 | 29·800 | 0·070 | 86·6 | 81·7 | 93·2 | 83·7 | 143·4 | 83·0 | 1·018 | 80 | 261 | S S E | 55 | ... | Passing clouds : lg. |
| 5 | 29·820 | 0·055 | 85·9 | 80·9 | 93·0 | 82·5 | 141·6 | 81·5 | 0·989 | 80 | 221 | S S E | 65 | ... | Passing clouds. |
| 6 | 29·853 | 0·068 | 85·6 | 81·4 | 92·1 | 79·5 | 143·4 | 77·5 | 1·016 | 82 | 139 | SE by S | 52 | ... | Do. |
| 7 | 29·874 | 0·055 | 85·1 | 80·6 | 93·3 | 79·5 | 142·4 | 77·9 | 0·985 | 81 | 139 | SE by S | 55 | ... | Do. |
| 8 | 29·869 | 0·102 | 85·6 | 80·9 | 93·2 | 78·7 | 144·5 | 77·1 | 0·993 | 81 | 161 | SE by S | 40 | ... | Do. |
| 9 | 29·864 | 0·103 | 85·6 | 80·3 | 91·9 | 78·4 | 141·7 | 76·1 | 0·965 | 78 | 187 | S S E | 25 | ... | Fine. |
| 10 | 29·831 | 0·123 | 86·1 | 80·5 | 93·8 | 81·5 | 143·4 | 79·9 | 0·967 | 78 | 244 | S by E | 35 | ... | Passing clouds. |
| 11 | 29·809 | 0·141 | 86·3 | 81·2 | 93·2 | 80·7 | 142·5 | 79·1 | 0·998 | 80 | 241 | S by E | 10 | ... | Fine. |
| 12 | 29·810 | 0·133 | 86·4 | 82·0 | 94·0 | 80·7 | 138·6 | 79·5 | 1·034 | 82 | 234 | S S E | 18 | ... | Do. |
| 13 | 29·788 | 0·130 | 86·7 | 80·6 | 97·7 | 82·6 | 147·6 | 81·5 | 0·963 | 76 | 253 | S S E | 27 | ... | Passing clouds. |
| 14 | 29·765 | 0·073 | 86·8 | 80·7 | 94·0 | 82·1 | 142·4 | 80·8 | 0·965 | 76 | 227 | S S E | 27 | ... | Do. |
| 15 | 29·763 | 0·108 | 87·8 | 81·1 | 95·6 | 81·6 | 144·3 | 79·9 | 0·973 | 74 | 176 | SE by S | 17 | ... | Fine. |
| 16 | 29·824 | 0·055 | 86·5 | 80·9 | 95·1 | 80·6 | 146·9 | 79·2 | 0·980 | 78 | 118 | S E | 60 | ... | Passing clouds. |
| 17 | 29·825 | 0·107 | 86·7 | 80·0 | 95·3 | 81·0 | 143·5 | 79·6 | 0·935 | 74 | 145 | SE by E | 37 | ... | Do. |
| 18 | 29·779 | 0·098 | 86·7 | 80·1 | 96·1 | 80·1 | 149·3 | 78·8 | 0·939 | 74 | 123 | S E | 40 | ... | Do. |
| 19 | 29·731 | 0·100 | 87·3 | 81·5 | 96·9 | 80·0 | 147·5 | 78·4 | 0·999 | 78 | 167 | S E | 40 | ... | Do. |
| 20 | 29·699 | 0·129 | 88·0 | 82·7 | 103·3 | 82·8 | 149·8 | 81·0 | 1·048 | 80 | 177 | S by E | 43 | ... | Do. |
| 21 | 29·677 | 0·110 | 89·2 | 82·6 | 108·1 | 83·4 | 154·4 | 82·2 | 1·025 | 75 | 191 | South | 20 | ... | Fine. |
| 22 | 29·690 | 0·139 | 88·7 | 81·2 | 107·7 | 83·0 | 154·7 | 82·0 | 0·966 | 71 | 208 | South | 70 | 0·01 | Passing clouds. : th. |
| 23 | 29·677 | 0·138 | 92·4 | 78·6 | 107·6 | 83·8 | 154·7 | 82·0 | 0·793 | 52 | 218 | S S W | 50 | ... | Passing clouds : lg. |
| 24 | 29·688 | 0·225 | 89·3 | 81·8 | 102·2 | 82·5 | 152·3 | 81·6 | 0·986 | 71 | 238 | W S W | 62 | ... | Passing clouds. |
| 25 | 29·706 | 0·122 | 89·4 | 82·5 | 104·9 | 84·4 | 151·9 | 83·0 | 1·018 | 73 | 219 | S by W | 28 | ... | Fine. |
| 26 | 29·719 | 0·146 | 89·7 | 80·8 | 105·9 | 82·6 | 155·7 | 82·0 | 0·931 | 66 | 191 | SW by S | 67 | ... | Passing clouds. |
| 27 | 29·717 | 0·134 | 87·3 | 80·6 | 101·2 | 83·6 | 149·7 | 82·2 | 0·955 | 74 | 183 | S by E | 28 | ... | Fine : lg. |
| 28 | 29·722 | 0·069 | 87·0 | 79·7 | 94·4 | 80·4 | 145·6 | 79·0 | 0·917 | 72 | 154 | S S E | 50 | ... | Passing clouds. |
| 29 | 29·739 | 0·092 | 87·8 | 81·8 | 93·9 | 83·0 | 143·8 | 82·2 | 1·006 | 76 | 229 | S S E | 30 | ... | Passing clouds : lg. |
| 30 | 29·700 | 0·137 | 86·6 | 81·0 | 94·6 | 83·0 | 142·5 | 81·6 | 0·984 | 78 | 195 | S S E | 50 | ... | Passing clouds. |
| 31 | 29·674 | 0·118 | 86·9 | 81·1 | 100·1 | 82·4 | 149·7 | 81·0 | 0·985 | 77 | 156 | SE by S | 27 | ... | Fine. |
| Mean | 29·763 | 0·108 | 87·3 | 81·0 | 97·7 | 81·9 | 146·5 | 80·5 | 0·974 | 75 | 196 | S by E | 40 | 0·01 | |

# Madras Meteorological Observations. 1889—June.

| June 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity. | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·682 | 0·118 | 90·9 | 79·1 | 103·3 | 83·9 | 149·2 | 83·0 | 0·837 | 57 | 169 | South | 75 | ... | Cloudy. |
| 2 | 29·688 | 0·053 | 87·6 | 76·2 | 98·5 | 84·5 | 143·3 | 83·8 | 0·751 | 57 | 264 | SW by S | 77 | ... | Do. |
| 3 | 29·671 | 0·150 | 89·5 | 76·7 | 100·2 | 84·7 | 148·9 | 83·1 | 0·748 | 53 | 235 | S W | 88 | ... | Do. |
| 4 | 29·642 | 0·098 | 91·3 | 76·5 | 102·5 | 82·9 | 155·4 | 81·9 | 0·714 | 48 | 246 | W S W | 60 | ... | Passing clouds. |
| 5 | 29·681 | 0·133 | 90·4 | 77·0 | 107·0 | 83·6 | 151·6 | 81·9 | 0·747 | 52 | 277 | West | 45 | ... | Passing clouds: lg. |
| 6 | 29·670 | 0·145 | 91·0 | 77·8 | 106·7 | 83·6 | 163·7 | 81·4 | 0·776 | 54 | 210 | W S W | 42 | ... | Passing clouds: th. and lg. |
| 7 | 29·622 | 0·160 | 90·9 | 77·8 | 106·3 | 84·2 | 157·7 | 82·9 | 0·778 | 51 | 228 | S W by W | 48 | 0·08 | Do: do. |
| 8 | 29·638 | 0·193 | 86·7 | 79·1 | 100·1 | 80·7 | 149·9 | 78·9 | 0·892 | 70 | 164 | S W | 97 | 0·02 | Cloudy: th. and lg. |
| 9 | 29·688 | 0·128 | 81·1 | 77·7 | 83·4 | 79·2 | 111·5 | 74·5 | 0·905 | 85 | 130 | W N W | 100 | 0·11 | Overcast. |
| 10 | 29·710 | 0·056 | 84·7 | 77·0 | 95·8 | 80·7 | 142·4 | 80·4 | 0·825 | 70 | 201 | W S W | 90 | 0·24 | Cloudy: showers: th. and lg. |
| 11 | 29·719 | 0·127 | 84·9 | 78·1 | 95·6 | 79·9 | 148·5 | 78·0 | 0·871 | 73 | 108 | SE by E | 78 | ... | Cloudy. |
| 12 | 29·754 | 0·093 | 86·0 | 78·7 | 99·0 | 80·7 | 133·7 | 79·0 | 0·885 | 71 | 178 | S W | 90 | ... | Do. |
| 13 | 29·786 | 0·124 | 86·4 | 79·2 | 99·0 | 78·7 | 145·3 | 77·9 | 0·902 | 72 | 233 | SW by W | 92 | 0·02 | Cloudy: th. and lg. |
| 14 | 29·773 | 0·165 | 85·4 | 78·1 | 99·9 | 78·2 | 146·1 | 77·5 | 0·865 | 71 | 235 | S W | 65 | 0·12 | Cloudy: thunder storm at 8 P.M. |
| 15 | 29·707 | 0·176 | 86·2 | 79·2 | 97·6 | 76·3 | 142·7 | 74·4 | 0·905 | 72 | 262 | SW by S | 60 | ... | Passing clouds. |
| 16 | 29·661 | 0·159 | 85·7 | 77·1 | 100·4 | 81·0 | 143·5 | 79·9 | 0·817 | 66 | 261 | SW by S | 65 | 0·01 | Passing clouds: lg. |
| 17 | 29·673 | 0·067 | 86·0 | 78·5 | 99·5 | 78·7 | 148·5 | 77·9 | 0·875 | 70 | 234 | S S W | 47 | ... | Passing clouds. |
| 18 | 29·668 | 0·092 | 88·1 | 79·1 | 101·6 | 80·8 | 150·6 | 79·9 | 0·874 | 66 | 257 | SW by S | 35 | ... | Do. |
| 19 | 29·669 | 0·104 | 85·4 | 78·3 | 98·8 | 81·5 | 145·4 | 80·5 | 0·875 | 72 | 158 | S S W | 60 | 0·03 | Do. |
| 20 | 29·703 | 0·050 | 83·8 | 78·4 | 98·1 | 79·7 | 152·5 | 78·5 | 0·900 | 77 | 108 | W N W | 57 | ... | Passing clouds: th. |
| 21 | 29·726 | 0·053 | 84·2 | 77·9 | 91·8 | 79·7 | 118·5 | 79·1 | 0·873 | 74 | 112 | NE by N | 100 | ... | Overcast. |
| 22 | 29·719 | 0·085 | 86·2 | 76·4 | 98·3 | 77·7 | 116·6 | 75·9 | 0·779 | 62 | 203 | W S W | 65 | ... | Passing clouds. |
| 23 | 29·754 | 0·096 | 86·2 | 75·6 | 90·9 | 82·7 | 113·1 | 81·9 | 0·744 | 60 | 169 | West | 100 | ... | Overcast. |
| 24 | 29·729 | 0·102 | 85·3 | 75·9 | 96·7 | 81·6 | 139·5 | 79·4 | 0·768 | 63 | 161 | W by S | 100 | ... | Do. |
| 25 | 29·714 | 0·080 | 86·5 | 75·5 | 93·3 | 81·9 | 125·0 | 80·7 | 0·735 | 58 | 172 | W by N | 100 | ... | Do. |
| 26 | 29·694 | 0·074 | 86·6 | 76·5 | 93·4 | 83·9 | 121·7 | 82·9 | 0·778 | 62 | 169 | W by S | 98 | ... | Cloudy. |
| 27 | 29·684 | 0·127 | 87·5 | 77·7 | 102·8 | 81·7 | 151·7 | 80·1 | 0·820 | 64 | 229 | SW by S | 60 | 0·01 | Passing clouds. |
| 28 | 29·707 | 0·124 | 86·2 | 78·7 | 99·6 | 82·2 | 146·5 | 80·9 | 0·880 | 70 | 241 | SW by S | 45 | 0·12 | Passing clouds: showers: th. and lg. |
| 29 | 29·762 | 0·069 | 83·8 | 78·6 | 94·5 | 77·9 | 147·5 | 74·9 | 0·911 | 78 | 134 | S W | 75 | 0·03 | Cloudy: lg. |
| 30 | 29·746 | 0·113 | 86·0 | 78·1 | 96·5 | 77·7 | 142·7 | 76·4 | 0·856 | 68 | 210 | SW by S | 40 | ... | Passing clouds: th. and lg. |
| Mean | 29·701 | 0·110 | 86·7 | 77·7 | 98·4 | 81·0 | 142·8 | 79·6 | 0·830 | 66 | 199 | S W | 72 | 1·09 | |

# Madras Meteorological Observations. 1889—July.

| July 1889 | Barometer reduced to 32° Mean | Barometer reduced to 32° Range | Corrected Mean Temperature Dry | Corrected Mean Temperature Wet | Self Registering Thermometers Dry Max. | Self Registering Thermometers Dry Min. | Self Registering Thermometers Sun Max. | Self Registering Thermometers Grass Min. | Deduced Vapour Tension | Deduced Humidity | Wind Daily Velocity | Wind Mean Direction | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·716 | 0·118 | 85·1 | 77·4 | 99·9 | 77·7 | 146·6 | 76·7 | 0·837 | 69 | 212 | SW by W | 42 | ... | Passing clouds: lg. |
| 2 | 29·698 | 0·122 | 87·3 | 78·4 | 99·3 | 80·2 | 142·4 | 79·0 | 0·852 | 65 | 217 | S W | 70 | ... | Cloudy: lg. |
| 3 | 29·724 | 0·066 | 88·1 | 78·5 | 97·5 | 82·7 | 140·4 | 81·9 | 0·847 | 64 | 214 | W S W | 68 | 0·14 | Cloudy: light shower and lg. |
| 4 | 29·721 | 0·097 | 87·4 | 79·9 | 97·5 | 78·5 | 141·8 | 76·8 | 0·921 | 71 | 185 | SW by S | 57 | ... | Passing clouds: lg. |
| 5 | 29·742 | 0·082 | 84·7 | 76·7 | 90·3 | 81·3 | 112·4 | 79·9 | 0·812 | 68 | 152 | SW by S | 100 | ... | Overcast: lg. |
| 6 | 29·750 | 0·097 | 83·1 | 76·2 | 91·3 | 77·0 | 126·8 | 74·4 | 0·811 | 71 | 134 | SW by W | 100 | 0·01 | Overcast. |
| 7 | 29·714 | 0·120 | 82·6 | 78·3 | 94·4 | 76·3 | 153·4 | 74·4 | 0·912 | 82 | 198 | S S W | 78 | 0·09 | Cloudy: lg. |
| 8 | 29·727 | 0·061 | 82·7 | 77·5 | 90·9 | 79·2 | 142·4 | 78·7 | 0·875 | 78 | 153 | S S W | 90 | 0·08 | Cloudy. |
| 9 | 29·762 | 0·101 | 81·7 | 77·2 | 92 8 | 76·0 | 128·6 | 74·8 | 0·874 | 81 | 182 | SW by S | 95 | 0·05 | Cloudy: lg. |
| 10 | 29·722 | 0·075 | 84·6 | 78·4 | 94·1 | 76·5 | 130·9 | 75·2 | 0·889 | 74 | 196 | S W | 92 | ... | Cloudy. |
| 11 | 29·706 | 0·058 | 82·9 | 77·6 | 91·8 | 77·2 | 119·1 | 75·9 | 0·877 | 78 | 125 | West | 100 | ... | Overcast: lg. |
| 12 | 29·696 | 0·095 | 85·3 | 78·5 | 97·3 | 79·6 | 149·6 | 78·2 | 0·884 | 73 | 145 | W by S | 98 | 0·42 | Overcast: rain. |
| 13 | 29·653 | 0·070 | 80·3 | 77·4 | 85·6 | 74·3 | 113·9 | 72·6 | 0·902 | 87 | 156 | SW by W | 100 | 0·22 | Overcast. |
| 14 | 29·634 | 0·076 | 80·5 | 77·1 | 90·3 | 78·0 | 123·1 | 75·9 | 0·886 | 85 | 119 | W S W | 100 | 0·77 | Overcast: thunderstorm about 7 P.M. |
| 15 | 29·594 | 0·113 | 81·7 | 77·1 | 91·0 | 75·3 | 131·0 | 73·6 | 0·870 | 81 | 132 | West | 100 | 0·60 | Overcast: rain and lg. |
| 16 | 29·589 | 0·128 | 83·7 | 76·1 | 91·8 | 75·8 | 139·6 | 73·4 | 0·800 | 69 | 204 | W by S | 92 | ... | Cloudy. |
| 17 | 29·560 | 0·169 | 87·4 | 76·3 | 97·4 | 79·8 | 147·9 | 78·9 | 0·758 | 58 | 245 | West | 88 | ... | Do. |
| 18 | 29·583 | 0·130 | 89·0 | 76·4 | 97·2 | 80·1 | 151·6 | 79·1 | 0·741 | 54 | 264 | W S W | 53 | ... | Passing clouds. |
| 19 | 29·647 | 0·116 | 89·2 | 75·4 | 97·7 | 81·9 | 150·4 | 81·0 | 0·695 | 50 | 264 | W by S | 65 | ... | Do. |
| 20 | 29·700 | 0·072 | 87·2 | 75·7 | 94·2 | 82·8 | 140·2 | 81·6 | 0·735 | 57 | 243 | W S W | 90 | ... | Cloudy. |
| 21 | 29·719 | 0·126 | 87·2 | 78·1 | 99·3 | 80·9 | 147·8 | 79·2 | 0·810 | 65 | 185 | SW by S | 30 | ... | Passing clouds. |
| 22 | 29·732 | 0·132 | 85·8 | 79·0 | 98·2 | 81·1 | 144·6 | 79·2 | 0·900 | 73 | 154 | S S E | 42 | 0·02 | Passing clouds: lg. |
| 23 | 29·721 | 0·156 | 84·7 | 79·4 | 99·5 | 79·9 | 151·0 | 79·0 | 0·934 | 78 | 210 | S by W | 35 | ... | Passing clouds. |
| 24 | 29·741 | 0·069 | 82·4 | 77·1 | 89·2 | 76·6 | 125·8 | 75·2 | 0·861 | 78 | 225 | SW by W | 75 | 0·16 | Overcast: rain. |
| 25 | 29·758 | 0·052 | 83·0 | 77·6 | 93·8 | 78·9 | 142·4 | 78·0 | 0·875 | 78 | 152 | S W | 95 | ... | Cloudy. |
| 26 | 29·720 | 0·086 | 81·2 | 75·6 | 98·2 | 76·2 | 152·0 | 75·6 | 0·812 | 77 | 172 | W S W | 65 | 0·01 | Passing clouds. |
| 27 | 29·686 | 0·093 | 82·7 | 75·7 | 98·5 | 78·2 | 149·8 | 77·2 | 0·795 | 71 | 164 | S S W | 82 | 1·32 | Cloudy: moderate thunderstorm 4-45 to 5-45 P.M. |
| 28 | 29·686 | 0·086 | 82·5 | 78·9 | 91·4 | 79·2 | 144·5 | 78·6 | 0·941 | 85 | 151 | S S E | 55 | 0·26 | Passing clouds. |
| 29 | 29·712 | 0·099 | 80·8 | 77·8 | 90·2 | 74·1 | 143·2 | 73·0 | 0·914 | 87 | 115 | SWbyW | 80 | 1·30 | Cloudy: thunderstorm till 3-30 A.M. and after 9 P.M. |
| 30 | 29·702 | 0·096 | 82·4 | 78·5 | 92·8 | 76·8 | 140·3 | 75·8 | 0·923 | 83 | 141 | S by W | 70 | 0·12 | Passing clouds: rain. |
| 31 | 29·710 | 0·088 | 84·8 | 79·8 | 93·4 | 80·0 | 143·0 | 79·0 | 0·951 | 79 | 185 | S S E | 28 | ... | Fine with passing clouds. |
| Mean | 29·694 | 0·098 | 84·3 | 77·5 | 94·4 | 78·5 | 139·2 | 77·2 | 0·856 | 73 | 180 | S W | 75 | 5·57 | |

# Madras Meteorological Observations. 1889—August.

| August 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·702 | 0·114 | 82·7 | 78·7 | 94·4 | 76·5 | 144·3 | 75·5 | 0·928 | 82 | 169 | S W | 67 | 0·02 | Cloudy : lg. |
| 2 | 29·701 | 0·102 | 82·5 | 78·2 | 90·5 | 75·5 | 142·2 | 74·3 | 0·909 | 81 | 157 | W by S | 75 | 0·21 | Cloudy : thunderstorm. |
| 3 | 29·696 | 0·155 | 84·2 | 78·1 | 93·6 | 76·9 | 145·1 | 75·5 | 0·881 | 75 | 201 | W by S | 70 | ... | Cloudy. |
| 4 | 29·657 | 0·142 | 85·2 | 78·5 | 96·2 | 78·8 | 143·7 | 76·9 | 0·886 | 72 | 169 | S S W | 53 | ... | Passing clouds. |
| 5 | 29·613 | 0·125 | 85·3 | 76·4 | 95·2 | 78·7 | 144·5 | 77·3 | 0·790 | 64 | 181 | SW by S | 70 | ... | Cloudy. |
| 6 | 29·588 | 0·130 | 85·3 | 76·2 | 95·0 | 78·7 | 140·5 | 77·5 | 0·782 | 64 | 208 | S W | 90 | ... | Overcast. |
| 7 | 29·654 | 0·082 | 85·5 | 77·5 | 93·1 | 78·9 | 144·1 | 77·9 | 0·837 | 68 | 223 | S W | 87 | 0·03 | Do. |
| 8 | 29·735 | 0·146 | 85·3 | 78·4 | 98·0 | 78·0 | 153·7 | 75·9 | 0·880 | 72 | 186 | W by S | 93 | 0·40 | Overcast : thunderstorm at 10-15 P.M. |
| 9 | 29·730 | 0·120 | 83·6 | 77·6 | 90·1 | 78·3 | 122·4 | 76·5 | 0·867 | 75 | 128 | W N W | 97 | ... | Overcast. |
| 10 | 29·729 | 0·120 | 83·0 | 77·9 | 91·0 | 76·7 | 118·9 | 76·3 | 0·889 | 78 | 114 | SWbyW | 95 | 0·01 | Do. |
| 11 | 29·741 | 0·104 | 85·0 | 78·0 | 93·0 | 78·7 | 125·9 | 77·7 | 0·866 | 72 | 168 | S S W | 68 | ... | Passing clouds. |
| 12 | 29·779 | 0·095 | 82·5 | 77·5 | 90·8 | 78·7 | 117·1 | 77·9 | 0·878 | 79 | 88 | NWbyW | 100 | ... | Overcast : lg. |
| 13 | 29·739 | 0·138 | 82·0 | 77·6 | 90·0 | 76·9 | 126·9 | 75·5 | 0·888 | 81 | 103 | NWbyW | 97 | 0·02 | Overcast. |
| 14 | 29·700 | 0·100 | 83·3 | 77·0 | 93·8 | 79·2 | 136·9 | 76·9 | 0·844 | 74 | 150 | West | 98 | 0·08 | Do. |
| 15 | 29·735 | 0·118 | 85·7 | 77·0 | 93·7 | 78·7 | 141·4 | 77·5 | 0·811 | 65 | 207 | W S W | 85 | ... | Cloudy. |
| 16 | 29·749 | 0·116 | 85·8 | 77·7 | 95·3 | 79·7 | 144·9 | 78·5 | 0·841 | 68 | 205 | W S W | 75 | ... | Do. |
| 17 | 29·737 | 0·110 | 86·6 | 78·7 | 97·0 | 80·6 | 148·1 | 79·5 | 0·875 | 69 | 203 | S W | 80 | ... | Do. |
| 18 | 29·737 | 0·105 | 85·5 | 78·3 | 98·1 | 79·7 | 151·1 | 78·1 | 0·873 | 72 | 233 | S S W | 58 | 1·92 | Passing clouds : two thunderstorms about 5-15 and 9 P.M. |
| 19 | 29·791 | 0·084 | 80·8 | 78·7 | 93·6 | 72·9 | 143·2 | 72·9 | 0·954 | 91 | 180 | S W | 85 | 0·01 | Cloudy : lg. |
| 20 | 29·816 | 0·116 | 81·7 | 77·3 | 89·7 | 76·5 | 131·7 | 75·1 | 0·878 | 81 | 176 | SW by S | 95 | 0·03 | Cloudy. |
| 21 | 29·798 | 0·163 | 81·4 | 76·8 | 89·3 | 73·9 | 136·4 | 73·1 | 0·861 | 81 | 184 | S W | 97 | 0·10 | Overcast : lg. |
| 22 | 29·768 | 0·110 | 80·0 | 75·6 | 90·2 | 72·8 | 150·9 | 72·1 | 0·827 | 80 | 137 | SWbyW | 90 | 0·66 | Cloudy : rain : lg. |
| 23 | 29·742 | 0·142 | 82·3 | 77·3 | 92·3 | 74·8 | 142·3 | 73·5 | 0·871 | 79 | 179 | SWbyW | 87 | 0·26 | Cloudy : rain. |
| 24 | 29·720 | 0·152 | 84·0 | 76·9 | 93·7 | 74·0 | 144·4 | 73·1 | 0·821 | 71 | 188 | SWbyW | 53 | 0·09 | Passing clouds with rain. |
| 25 | 29·697 | 0·122 | 83·0 | 75·6 | 90·9 | 77·0 | 139·5 | 75·9 | 0·787 | 69 | 236 | SWbyW | 67 | 0·11 | Passing clouds. |
| 26 | 29·704 | 0·087 | 84·0 | 77·8 | 93·5 | 75·9 | 140·9 | 74·9 | 0·870 | 75 | 144 | S W | 58 | 0·17 | Passing clouds : lg. |
| 27 | 29·709 | 0·102 | 83·8 | 77·7 | 94·0 | 75·7 | 149·1 | 74·9 | 0·869 | 75 | 171 | S S W | 65 | ... | Fine with passing clouds. |
| 28 | 29·735 | 0·091 | 83·6 | 77·9 | 94·3 | 76·9 | 152·4 | 76·1 | 0·878 | 76 | 182 | S S W | 27 | 0·01 | Fine. |
| 29 | 29·801 | 0·094 | 81·3 | 78·4 | 91·0 | 73·6 | 148·7 | 72·9 | 0·934 | 87 | 115 | SW by S | 60 | 0·23 | Thunder shower 2-15 A.M. : fine day. |
| 30 | 29·804 | 0·117 | 83·7 | 79·2 | 92·7 | 78·7 | 145·6 | 77·5 | 0·940 | 81 | 144 | South | 30 | ... | Fine : lg. |
| 31 | 29·831 | 0·116 | 82·6 | 77·5 | 90·9 | 74·3 | 149·1 | 72·9 | 0·875 | 79 | 191 | S S W | 33 | ... | Fine. |
| Mean | 29·730 | 0·117 | 83·6 | 77·6 | 93·1 | 77·0 | 140·8 | 75·8 | 0·867 | 75 | 172 | SWbyW | 74 | 4·36 | |

# Madras Meteorological Observations. 1889—September.

| September 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·806 | 0·136 | 82·4 | 78·6 | 93·7 | 79·0 | 147·3 | 78·1 | 0·928 | 84 | 187 | S by W | 52 | ... | Passing clouds. |
| 2 | 29·802 | 0·160 | 80·6 | 76·8 | 86·2 | 76·7 | 135·6 | 76·3 | 0·872 | 84 | 159 | S by W | 83 | 0·12 | Cloudy: rain. |
| 3 | 29·847 | 0·094 | 80·6 | 77·0 | 90·1 | 77·6 | 143·6 | 76·4 | 0·881 | 85 | 136 | S by E | 80 | ... | Cloudy. |
| 4 | 29·861 | 0·118 | 82·4 | 78·2 | 89·6 | 77·3 | 147·8 | 75·4 | 0·911 | 82 | 172 | S by E | 50 | ... | Passing clouds. |
| 5 | 29·845 | 0·168 | 82·3 | 76·8 | 93·1 | 77·0 | 150·3 | 75·6 | 0·849 | 77 | 216 | South | 22 | ... | Chiefly fine. |
| 6 | 29·827 | 0·142 | 82·4 | 77·8 | 91·8 | 77·9 | 143·2 | 76·1 | 0·892 | 81 | 135 | S S E | 45 | 0·26 | Fine with passing clouds: thunder-showers about midnight. |
| 7 | 29·799 | 0·167 | 79·6 | 78·2 | 90·2 | 73·2 | 143·1 | 72·7 | 0·947 | 93 | 134 | S by W | 70 | 0·21 | Passing clouds: thundershowers. |
| 8 | 29·796 | 0·129 | 82·2 | 78·1 | 90·3 | 77·0 | 140·0 | 75·1 | 0·908 | 83 | 135 | S by E | 35 | ... | Fine with passing clouds. |
| 9 | 29·803 | 0·133 | 83·4 | 79·2 | 92·6 | 78·0 | 148·4 | 75·9 | 0·943 | 83 | 142 | S by E | 25 | ... | Passing clouds: fine night. |
| 10 | 29·776 | 0·101 | 83·6 | 78·9 | 90·1 | 78·6 | 141·4 | 76·6 | 0·926 | 81 | 124 | S E | 15 | ... | Fine. |
| 11 | 29·751 | 0·167 | 83·1 | 78·8 | 91·2 | 77·1 | 155·2 | 74·9 | 0·928 | 82 | 116 | E by S | 53 | ... | Cloudy day: fine night. |
| 12 | 29·750 | 0·108 | 83·8 | 80·5 | 92·6 | 76·6 | 145·0 | 75·4 | 0·998 | 86 | 110 | E by S | 30 | ... | Light clouds: fine night. |
| 13 | 29·748 | 0·133 | 84·2 | 79·8 | 92·9 | 78·0 | 148·0 | 76·6 | 0·960 | 82 | 122 | East | 35 | ... | Fine with passing clouds. |
| 14 | 29·741 | 0·110 | 79·2 | 77·5 | 88·0 | 76·1 | 145·5 | 75·4 | 0·922 | 93 | 73 | E S E | 75 | 0·71 | Cloudy day: fine night: rain. |
| 15 | 29·723 | 0·140 | 80·6 | 78·2 | 88·6 | 78·5 | 141·4 | 77·4 | 0·934 | 89 | 59 | NE by E | 80 | 0·01 | Cloudy. |
| 16 | 29·695 | 0·129 | 79·6 | 78·5 | 88·3 | 77·0 | 143·7 | 75·5 | 0·961 | 96 | 56 | S E | 75 | 0·45 | Cloudy: rainy. |
| 17 | 29·651 | 0·112 | 80·3 | 76·8 | 84·7 | 77·1 | 103·6 | 76·1 | 0·876 | 85 | 142 | W S W | 97 | 0·01 | Overcast. |
| 18 | 29·624 | 0·137 | 81·5 | 76·9 | 90·2 | 79·0 | 140·8 | 76·8 | 0·864 | 81 | 203 | West | 98 | 0·01 | Do. |
| 19 | 29·626 | 0·117 | 85·3 | 76·8 | 93·1 | 77·5 | 144·4 | 76·3 | 0·808 | 66 | 213 | W by S | 90 | ... | Do. |
| 20 | 29·664 | 0·116 | 85·0 | 77·2 | 95·4 | 78·1 | 148·4 | 76·1 | 0·830 | 69 | 228 | SW by W | 55 | ... | Passing clouds. |
| 21 | 29·740 | 0·124 | 84·3 | 78·1 | 92·0 | 79·7 | 136·2 | 78·0 | 0·879 | 75 | 131 | S S W | 60 | ... | Do. |
| 22 | 29·751 | 0·139 | 84·0 | 79·1 | 96·0 | 78·9 | 158·6 | 76·8 | 0·929 | 79 | 151 | S by E | 55 | ... | Do. |
| 23 | 29·744 | 0·100 | 78·3 | 77·3 | 85·1 | 73·0 | 101·0 | 72·8 | 0·925 | 95 | 100 | S W | 90 | 3·39 | Cloudy: thunderstorms 2-30 to 5 A.M. and at 10 P.M. |
| 24 | 29·718 | 0·124 | 80·1 | 76·4 | 88·8 | 72·8 | 151·0 | 71·1 | 0·861 | 85 | 126 | SW by S | 80 | 0·69 | Passing clouds: rain. |
| 25 | 29·735 | 0·139 | 80·6 | 77·8 | 90·8 | 73·3 | 143·6 | 72·5 | 0·916 | 88 | 88 | W S W | 85 | ... | Cloudy. |
| 26 | 29·749 | 0·095 | 82·2 | 78·1 | 89·3 | 76·5 | 124·4 | 75·0 | 0·907 | 83 | 101 | W S W | 85 | ... | Do. |
| 27 | 29·757 | 0·125 | 82·2 | 78·5 | 91·9 | 77·5 | 146·8 | 76·5 | 0·926 | 85 | 135 | S S W | 65 | ... | Passing clouds. |
| 28 | 29·766 | 0·119 | 82·5 | 78·4 | 92·3 | 77·0 | 146·2 | 76·0 | 0·917 | 83 | 104 | W S W | 75 | ... | Cloudy. |
| 29 | 29·768 | 0·110 | 82·7 | 78·7 | 91·8 | 78·6 | 145·2 | 77·6 | 0·928 | 83 | 116 | W by S | 75 | ... | Do. |
| 30 | 29·817 | 0·118 | 82·3 | 76·5 | 91·2 | 78·7 | 135·9 | 76·3 | 0·836 | 76 | 76 | NW by W | 80 | ... | Do. |
| Mean | 29·756 | 0·127 | 82·0 | 78·0 | 90·7 | 77·1 | 141·5 | 75·7 | 0·905 | 83 | 133 | S by W | 64 | 5·86 | |

## Madras Meteorological Observations, 1889—October.

| October 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·842 | 0·131 | 83·1 | 78·6 | 93·3 | 77·9 | 154·7 | 76·5 | 0·919 | 81 | 91 | SW by S | 60 | ... | Passing clouds. |
| 2 | 29·868 | 0·143 | 82·4 | 78·4 | 90·8 | 76·4 | 151·7 | 74·4 | 0·918 | 83 | 89 | South | 52 | 0·38 | Passing clouds and shower. |
| 3 | 29·840 | 0·123 | 82·5 | 79·1 | 90·2 | 76·3 | 150·1 | 74·7 | 0·949 | 85 | 68 | SE by S | 50 | ... | Passing clouds. |
| 4 | 29·799 | 0·110 | 79·8 | 76·8 | 88·6 | 78·0 | 150·3 | 76·9 | 0·883 | 87 | 100 | South | 65 | ... | Do. |
| 5 | 29·790 | 0·134 | 81·2 | 76·9 | 91·2 | 73·1 | 158·6 | 71·3 | 0·868 | 83 | 114 | South | 38 | ... | Fine with passing clouds. |
| 6 | 29·814 | 0·147 | 83·3 | 78·5 | 92·1 | 78·1 | 154·7 | 76·5 | 0·912 | 80 | 86 | SE by S | 20 | ... | Fine. |
| 7 | 29·798 | 0·115 | 82·6 | 78·8 | 89·4 | 75·3 | 147·2 | 73·9 | 0·935 | 84 | 79 | S S E | 22 | 0·60 | Passing clouds : rain. |
| 8 | 29·790 | 0·134 | 83·6 | 79·4 | 91·3 | 77·5 | 150·7 | 75·9 | 0·948 | 82 | 128 | S S E | 37 | ... | Fine with passing clouds. |
| 9 | 29·793 | 0·140 | 83·4 | 79·2 | 92·8 | 78·0 | 146·7 | 76·5 | 0·943 | 82 | 115 | South | 18 | ... | Fine. |
| 10 | 29·800 | 0·110 | 83·2 | 78·2 | 91·2 | 76·9 | 145·5 | 76·1 | 0·899 | 79 | 99 | S by E | 22 | ... | Do. |
| 11 | 29·805 | 0·088 | 83·7 | 78·8 | 91·1 | 77·9 | 151·2 | 75·9 | 0·920 | 79 | 104 | SE by E | 18 | ... | Do. |
| 12 | 29·790 | 0·135 | 83·0 | 78·9 | 92·0 | 77·0 | 149·9 | 75·1 | 0·934 | 83 | 98 | East | 48 | 0·16 | Passing clouds : shower. |
| 13 | 29·768 | 0·073 | 77·7 | 76·5 | 82·9 | 76·3 | 123·3 | 75·9 | 0·898 | 94 | 80 | North | 90 | 1·09 | Overcast : rain and th. |
| 14 | 29·725 | 0·095 | 77·7 | 76·7 | 84·2 | 76·9 | 134·3 | 76·7 | 0·907 | 95 | 96 | NW by N | 100 | 0·84 | Overcast and rainy : th. and lg. |
| 15 | 29·719 | 0·070 | 74·5 | 73·5 | 76·1 | 73·5 | 85·3 | 72·9 | 0·814 | 95 | 196 | NW by W | 100 | 4·30 | Overcast. |
| 16 | 29·689 | 0·092 | 80·6 | 77·0 | 87·0 | 72·7 | 141·0 | 72·9 | 0·881 | 85 | 232 | S by W | 70 | 0·02 | Cloudy. |
| 17 | 29·701 | 0·106 | 81·9 | 77·7 | 87·0 | 77·7 | 145·5 | 76·7 | 0·894 | 82 | 251 | South | 58 | ... | Passing clouds. |
| 18 | 29·698 | 0·123 | 82·4 | 79·0 | 88·9 | 78·6 | 147·7 | 77·5 | 0·946 | 85 | 251 | South | 52 | ... | Do. |
| 19 | 29·737 | 0·103 | 82·8 | 79·1 | 91·1 | 77·7 | 151·0 | 76·9 | 0·945 | 84 | 174 | South | 43 | ... | Cloudy day : fine night. |
| 20 | 29·783 | 0·154 | 82·9 | 78·7 | 91·0 | 77·8 | 150·4 | 76·8 | 0·925 | 82 | 164 | S by W | 17 | ... | Fine. |
| 21 | 29·782 | 0·133 | 83·5 | 78·4 | 91·7 | 78·7 | 150·5 | 77·7 | 0·905 | 79 | 143 | SW by S | 72 | ... | Cloudy. |
| 22 | 29·770 | 0·106 | 82·0 | 77·2 | 87·7 | 77·8 | 120·5 | 76·9 | 0·870 | 80 | 117 | W S W | 97 | ... | Overcast. |
| 23 | 29·762 | 0·124 | 81·4 | 74·6 | 90·2 | 76·5 | 145·2 | 75·1 | 0·766 | 71 | 114 | W N W | 50 | ... | Cloudy : fine night. |
| 24 | 29·806 | 0·100 | 78·9 | 73·3 | 89·8 | 70·7 | 147·6 | 66·7 | 0·745 | 76 | 117 | NW by W | 30 | ... | Passing clouds : fine night. |
| 25 | 29·866 | 0·114 | 78·6 | 72·1 | 89·9 | 68·3 | 144·7 | 65·1 | 0·702 | 72 | 121 | N W | 25 | ... | Passing clouds. |
| 26 | 29·861 | 0·120 | 78·1 | 71·2 | 89·8 | 68·5 | 146·2 | 64·1 | 0·671 | 70 | 103 | NW by N | 10 | ... | Clear. |
| 27 | 29·865 | 0·099 | 77·5 | 68·9 | 88·6 | 65·7 | 147·0 | 61·9 | 0·592 | 63 | 107 | N N W | 12 | ... | Do. |
| 28 | 29·895 | 0·136 | 75·4 | 68·2 | 89·2 | 62·1 | 146·6 | 57·9 | 0·595 | 68 | 103 | North | 20 | ... | Fine. |
| 29 | 29·916 | 0·147 | 79·3 | 73·6 | 89·6 | 66·0 | 145·0 | 62·9 | 0·753 | 75 | 96 | North | 12 | ... | Do. |
| 30 | 29·907 | 0·128 | 80·8 | 76·7 | 88·9 | 73·8 | 147·0 | 71·3 | 0·865 | 83 | 96 | N E | 50 | ... | Fine with passing clouds. |
| 31 | 29·914 | 0·133 | 79·3 | 76·5 | 88·0 | 73·7 | 148·5 | 71·7 | 0·876 | 88 | 72 | N E | 78 | 0·08 | Cloudy. |
| Mean | 29·803 | 0·118 | 80·9 | 76·5 | 89·2 | 74·7 | 144·4 | 72·9 | 0·857 | 82 | 123 | W S W | 46 | 7·47 | |

## Madras Meteorological Observations. 1889—November.

| November 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·902 | 0·129 | 80·1 | 76·5 | 89·9 | 73·5 | 149·2 | 70·8 | 0·866 | 85 | 83 | N E | 57 | ... | Passing clouds. |
| 2 | 29·878 | 0·139 | 79·5 | 75·0 | 87·9 | 74·0 | 148·2 | 71·7 | 0·809 | 80 | 112 | NE by N | 60 | 0·15 | Passing clouds: shower. |
| 3 | 29·875 | 0·111 | 79·3 | 71·9 | 87·2 | 70·5 | 150·2 | 67·1 | 0·683 | 68 | 148 | NE by N | 25 | ... | Fine. |
| 4 | 29·897 | 0·114 | 79·4 | 73·6 | 88·3 | 71·5 | 144·1 | 67·9 | 0·752 | 75 | 124 | N N E | 35 | ... | Passing clouds. |
| 5 | 29·914 | 0·105 | 78·5 | 74·8 | 87·8 | 73·4 | 144·2 | 70·5 | 0·813 | 83 | 102 | NE by E | 33 | 0·13 | Fine: passing clouds. |
| 6 | 29·907 | 0·147 | 78·9 | 75·5 | 89·3 | 68·0 | 147·1 | 65·9 | 0·838 | 85 | 89 | NE by E | 20 | ... | Fine. |
| 7 | 29·884 | 0·129 | 78·4 | 72·5 | 88·3 | 72·8 | 144·4 | 69·7 | 0·720 | 74 | 127 | NE by N | 42 | ... | Light clouds. |
| 8 | 29·892 | 0·136 | 76·2 | 69·4 | 87·3 | 66·8 | 145·4 | 63·7 | 0·629 | 70 | 130 | North | 38 | ... | Do. |
| 9 | 29·898 | 0·074 | 76·6 | 69·8 | 86·7 | 65·2 | 143·3 | 61·7 | 0·638 | 70 | 159 | North | 27 | ... | Fine morning: cloudy after. |
| 10 | 29·883 | 0·109 | 78·8 | 72·8 | 85·3 | 73·5 | 144·2 | 72·7 | 0·726 | 74 | 162 | N by E | 78 | ... | Cloudy. |
| 11 | 29·911 | 0·082 | 78·8 | 70·9 | 88·0 | 73·8 | 150·1 | 70·7 | 0·651 | 66 | 177 | N by E | 60 | ... | Passing clouds. |
| 12 | 29·904 | 0·121 | 79·4 | 74·0 | 87·5 | 71·0 | 148·0 | 68·7 | 0·768 | 76 | 186 | N by E | 17 | ... | Fine. |
| 13 | 29·880 | 0·104 | 78·1 | 72·7 | 86·5 | 70·8 | 141·8 | 68·7 | 0·732 | 76 | 173 | N by E | 30 | ... | Passing clouds. |
| 14 | 29·870 | 0·110 | 77·2 | 73·5 | 85·2 | 71·9 | 133·4 | 70·7 | 0·776 | 83 | 189 | North | 78 | ... | Cloudy. |
| 15 | 29·900 | 0·106 | 79·2 | 76·0 | 88·9 | 73·0 | 145·2 | 72·0 | 0·856 | 86 | 142 | N by E | 70 | 0·33 | Passing clouds: rain. |
| 16 | 29·859 | 0·109 | 79·9 | 76·9 | 84·8 | 76·6 | 134·9 | 75·6 | 0·886 | 87 | 216 | N N E | 90 | 1·75 | Overcast with rain. |
| 17 | 29·750 | 0·136 | 74·9 | 73·5 | 76·5 | 73·9 | 83·0 | 72·9 | 0·808 | 93 | 213 | N by W | 100 | 2·33 | Overcast. |
| 18 | 29·724 | 0·116 | 77·8 | 74·1 | 83·0 | 72·8 | 128·1 | 72·5 | 0·794 | 83 | 246 | NW by N | 82 | 0·16 | Day cloudy: night fine. |
| 19 | 29·735 | 0·121 | 78·9 | 71·3 | 87·8 | 73·1 | 139·1 | 70·7 | 0·666 | 68 | 138 | W N W | 40 | ... | Fine with passing clouds. |
| 20 | 29·762 | 0·145 | 77·8 | 72·1 | 86·0 | 68·8 | 137·5 | 65·7 | 0·711 | 75 | 108 | W N W | 23 | ... | Fine. |
| 21 | 29·767 | 0·100 | 78·3 | 73·7 | 88·3 | 72·9 | 147·2 | 70·8 | 0·771 | 80 | 107 | W N W | 67 | 0·20 | Passing clouds: rain. |
| 22 | 29·803 | 0·098 | 77·5 | 73·4 | 86·4 | 71·8 | 141·5 | 69·7 | 0·769 | 82 | 54 | E S E | 75 | ... | Cloudy. |
| 23 | 29·844 | 0·088 | 77·3 | 74·6 | 84·4 | 74·0 | 147·5 | 72·7 | 0·822 | 88 | 82 | S S E | 55 | 0·03 | Passing clouds: fine night. |
| 24 | 29·873 | 0·101 | 79·5 | 75·4 | 86·6 | 73·3 | 144·0 | 70·9 | 0·827 | 82 | 92 | E S E | 40 | ... | Fine with passing clouds. |
| 25 | 29·893 | 0·122 | 79·1 | 75·3 | 87·8 | 72·7 | 141·1 | 69·8 | 0·827 | 83 | 79 | NE by E | 40 | ... | Passing clouds: clear night. |
| 26 | 29·918 | 0·111 | 77·6 | 75·1 | 89·0 | 70·1 | 148·8 | 66·8 | 0·839 | 89 | 92 | N E | 21 | ... | Fine. |
| 27 | 29·925 | 0·134 | 74·8 | 69·5 | 85·6 | 68·2 | 140·1 | 64·7 | 0·652 | 76 | 130 | N by E | 3 | ... | Clear. |
| 28 | 29·945 | 0·090 | 74·1 | 69·2 | 84·9 | 63·3 | 140·2 | 59·9 | 0·649 | 76 | 97 | N by E | 40 | ... | Fine with passing clouds. |
| 29 | 29·943 | 0·115 | 74·7 | 69·5 | 84·4 | 66·9 | 140·5 | 64·0 | 0·652 | 76 | 144 | N by E | 15 | ... | Fine. |
| 30 | 29·926 | 0·119 | 72·3 | 68·3 | 84·4 | 62·9 | 145·5 | 58·7 | 0·640 | 81 | 149 | N by E | 7 | ... | Do. |
| Mean | 29·869 | 0·114 | 77·8 | 73·0 | 86·5 | 71·0 | 141·3 | 68·6 | 0·752 | 79 | 135 | N N E | 46 | 5·08 | |

# Madras Meteorological Observations. 1889—December.

| December 1889 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·910 | 0·119 | 73·0 | 70·8 | 86·2 | 61·9 | 142·6 | 57·9 | 0·726 | 90 | 152 | N by E | 20 | ... | Fine. |
| 2 | 29·943 | 0·080 | 76·2 | 71·7 | 87·4 | 68·9 | 145·4 | 65·9 | 0·718 | 79 | 158 | N by E | 40 | ... | Fine with passing clouds. |
| 3 | 29·967 | 0·070 | 75·6 | 72·2 | 86·8 | 68·0 | 145·2 | 64·9 | 0·745 | 84 | 142 | N N E | 25 | ... | Do. |
| 4 | 29·963 | 0·115 | 75·9 | 71·4 | 86·6 | 68·1 | 142·6 | 65·7 | 0·710 | 79 | 146 | N N E | 25 | ... | Do. |
| 5 | 29·926 | 0·132 | 75·7 | 71·2 | 83·8 | 68·0 | 134·6 | 64·9 | 0·705 | 79 | 147 | N by E | 25 | ... | Do. |
| 6 | 29·939 | 0·124 | 76·9 | 72·7 | 85·9 | 67·5 | 145·3 | 63·9 | 0·749 | 82 | 133 | North | 57 | ... | Passing clouds. |
| 7 | 30·008 | 0·086 | 75·5 | 71·1 | 84·6 | 69·9 | 145·6 | 68·7 | 0·704 | 79 | 182 | North | 60 | ... | Do. |
| 8 | 29·975 | 0·095 | 76·6 | 72·2 | 87·0 | 69·3 | 148·6 | 66·9 | 0·732 | 80 | 161 | N N E | 50 | ... | Do. |
| 9 | 29·920 | 0·134 | 75·3 | 71·1 | 86·5 | 66·5 | 143·6 | 63·3 | 0·707 | 80 | 130 | N N E | 30 | ... | Fine with passing clouds. |
| 10 | 29·918 | 0·077 | 75·8 | 69·8 | 84·6 | 67·0 | 143·6 | 63·7 | 0·649 | 73 | 180 | N N E | 25 | ... | Do. |
| 11 | 29·955 | 0·089 | 74·2 | 68·7 | 85·6 | 64·3 | 145·4 | 60·9 | 0·629 | 74 | 173 | N N E | 25 | ... | Do. |
| 12 | 30·003 | 0·095 | 73·3 | 67·7 | 83·6 | 68·0 | 146·9 | 64·8 | 0·605 | 74 | 203 | North | 58 | ... | Cloudy: fine night. |
| 13 | 29·990 | 0·105 | 74·5 | 68·2 | 83·7 | 66·0 | 139·5 | 63·9 | 0·608 | 71 | 200 | North | 30 | ... | Fine with passing clouds. |
| 14 | 29·990 | 0·106 | 74·4 | 68·3 | 84·7 | 66·9 | 142·8 | 63·9 | 0·612 | 72 | 184 | N by E | 55 | ... | Cloudy. |
| 15 | 30·002 | 0·105 | 74·9 | 68·5 | 84·9 | 67·1 | 143·4 | 64·8 | 0·612 | 71 | 238 | North | 52 | ... | Do. |
| 16 | 29·970 | 0·122 | 75·3 | 69·3 | 83·2 | 71·8 | 149·0 | 69·6 | 0·637 | 72 | 269 | N by W | 80 | ... | Do. |
| 17 | 29·912 | 0·114 | 73·0 | 70·8 | 75·8 | 69·9 | 81·9 | 68·4 | 0·725 | 89 | 240 | North | 100 | 1·14 | Overcast and rainy. |
| 18 | 29·960 | 0·051 | 74·3 | 72·5 | 79·2 | 73·3 | 91·6 | 71·8 | 0·776 | 91 | 168 | NE by E | 100 | 5·07 | Overcast. |
| 19 | 29·998 | 0·112 | 73·3 | 72·7 | 80·2 | 72·8 | 131·7 | 71·8 | 0·798 | 97 | 140 | E by N | 92 | 3·35 | Do. |
| 20 | 29·950 | 0·101 | 74·0 | 70·9 | 81·0 | 68·9 | 137·5 | 65·8 | 0·716 | 86 | 140 | N N E | 35 | ... | Passing clouds. |
| 21 | 29·942 | 0·109 | 73·8 | 70·0 | 81·2 | 67·1 | 132·6 | 64·7 | 0·684 | 82 | 174 | N by E | 20 | ... | Fine. |
| 22 | 29·943 | 0·108 | 73·5 | 69·0 | 82·2 | 68·0 | 138·8 | 64·8 | 0·650 | 79 | 211 | North | 40 | ... | Passing clouds. |
| 23 | 29·892 | 0·116 | 75·6 | 67·8 | 81·4 | 69·8 | 129·6 | 67·9 | 0·577 | 65 | 233 | N by W | 90 | ... | Cloudy. |
| 24 | 29·835 | 0·101 | 75·0 | 69·1 | 79·8 | 72·7 | 114·7 | 70·8 | 0·633 | 72 | 162 | NW by N | 93 | ... | Overcast. |
| 25 | 29·851 | 0·157 | 78·4 | 72·0 | 86·2 | 70·8 | 138·2 | 67·9 | 0·700 | 72 | 107 | NW by N | 80 | ... | Cloudy. |
| 26 | 29·838 | 0·150 | 74·6 | 73·4 | 81·4 | 74·0 | 134·6 | 72·3 | 0·808 | 94 | 154 | W by S | 100 | 1·28 | Overcast: showers. |
| 27 | 29·965 | 0·095 | 74·8 | 73·3 | 80·6 | 70·3 | 141·0 | 69·8 | 0·801 | 93 | 139 | S S E | 95 | 0·85 | Overcast and rainy. |
| 28 | 29·978 | 0·120 | 77·4 | 75·0 | 85·2 | 71·2 | 143·3 | 69·7 | 0·837 | 89 | 120 | E by N | 45 | ... | Passing clouds. |
| 29 | 29·967 | 0·139 | 77·9 | 75·3 | 85·2 | 72·9 | 141·7 | 71·5 | 0·843 | 89 | 122 | N E | 40 | 0·02 | Do. |
| 30 | 29·971 | 0·116 | 77·6 | 74·5 | 84·7 | 73·7 | 142·3 | 70·8 | 0·813 | 86 | 146 | E N E | 55 | 0·14 | Do. |
| 31 | 29·956 | 0·106 | 74·8 | 70·6 | 84·2 | 69·6 | 139·3 | 66·4 | 0·694 | 79 | 121 | NE by N | 25 | ... | Fine with passing clouds. |
| Mean | 29·946 | 0·106 | 75·2 | 71·0 | 83·7 | 69·2 | 136·9 | 66·7 | 0·707 | 81 | 167 | N N E | 54 | 11·85 | |

## Madras Mean Monthly and Annual Meteorological Results in 1889.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blandford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 30·027 | 0·108 | 74·7 | 85·1 | 66·9 | 18·2 | 70·8 | Not recorded. | 0·704 | 82 | 142·5 | 62·1 | 109 | 5 | N E by E | 0·05 | 2 | 73 |
| February | 30·000 | 0·108 | 77·0 | 87·4 | 68·1 | 19·3 | 72·1 | | 0·723 | 78 | 143·5 | 64·1 | 93 | 8 | East | ... | ... | 85 |
| March | 29·959 | 0·116 | 80·9 | 90·1 | 72·5 | 17·6 | 75·3 | | 0·806 | 76 | 144·6 | 69·4 | 121 | 11 | S E by E | ... | ... | 80 |
| April | 29·837 | 0·108 | 84·3 | 92·3 | 77·4 | 14·9 | 79·4 | | 0·942 | 80 | 143·8 | 75·5 | 153 | 13 | S E by S | 2·05 | 3 | 69 |
| May | 29·763 | 0·108 | 87·3 | 97·7 | 81·9 | 15·8 | 81·0 | | 0·974 | 75 | 146·5 | 80·5 | 196 | 15 | S by E | 0·01 | 1 | 60 |
| June | 29·701 | 0·110 | 86·7 | 98·4 | 81·0 | 17·4 | 77·7 | | 0·830 | 66 | 142·8 | 79·6 | 199 | 20 | S W | 1·09 | 11 | 28 |
| July | 29·694 | 0·098 | 84·3 | 94·4 | 78·5 | 15·9 | 77·5 | | 0·856 | 73 | 139·2 | 77·2 | 180 | 20 | S W | 5·57 | 16 | 25 |
| August | 29·730 | 0·117 | 83·6 | 93·1 | 77·0 | 16·1 | 77·6 | | 0·867 | 75 | 140·8 | 75·8 | 172 | 21 | S W by W | 4·36 | 18 | 26 |
| September | 29·756 | 0·127 | 82·0 | 90·7 | 77·1 | 13·6 | 78·0 | | 0·905 | 83 | 141·5 | 75·7 | 133 | 17 | S by W | 5·86 | 10 | 36 |
| October | 29·803 | 0·118 | 80·9 | 89·2 | 74·7 | 14·5 | 76·5 | | 0·857 | 82 | 144·4 | 72·9 | 123 | 22 | W S W | 7·47 | 8 | 54 |
| November | 29·869 | 0·114 | 77·8 | 86·5 | 71·0 | 15·5 | 73·0 | | 0·752 | 79 | 141·3 | 68·6 | 135 | 2 | N N E | 5·08 | 8 | 54 |
| December | 29·946 | 0·106 | 75·2 | 83·7 | 69·2 | 14·5 | 71·0 | | 0·707 | 81 | 136·9 | 66·7 | 167 | 2 | N N E | 11·85 | 7 | 46 |
| Annual | 29·840 | 0·112 | 81·2 | 90·7 | 74·6 | 16·1 | 75·8 | ... | 0·827 | 78 | 142·3 | 72·3 | 148 | 13 | S E by S | 43·39 | 84 | 53 |

## Madras Extreme Monthly Meteorological Records in 1889.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·121 | 8 | 29·917 | 31 | 0·204 | 87·5 | 30 | 62·7 | 12 | Not recorded. | | 55 | 28 | 149·3 | 31 | 55·9 | 13 | 264 | 7 | 42 | 13 | 0·04 | 6 |
| February | 30·088 | 14 | 29·896 | 19 | 0·192 | 90·4 | 19 | 64·6 | 10 | | | 47 | 14 | 149·2 | 15 | 60·4 | 9 | 146 | 25 | 46 | 3 | ... | ... |
| March | 30·109 | 5 | 29·802 | 28 | 0·307 | 96·7 | 28 | 67·1 | 13 | | | 47 | 9 | 149·6 | 3 | 63·6 | 13 | 211 | 28 | 75 | 7 | ... | ... |
| April | 29·942 | 1 | 29·691 | 29 | 0·251 | 99·3 | 30 | 70·3 | 5 | | | 59 | 30 | 149·1 | 22 | 66·2 | 5 | 231 | 29 | 46 | 25 | 0·96 | 24 |
| May | 29·909 | 9 | 29·635 | 24 | 0·274 | 108·1 | 21 | 78·4 | 9 | | | 26 | 23 | 155·7 | 26 | 76·1 | 9 | 261 | 4 | 118 | 16 | 0·01 | 22 |
| June | 29·837 | 13 | 29·565 | 7 | 0·272 | 107·0 | 5 | 76·3 | 15 | | | 31 | 6 | 163·7 | 6 | 74·4 | 15 | 277 | 5 | 108 | 11 | 0·42 | 14 |
| July | 29·787 | 9 | 29·512 | 17 | 0·275 | 99·9 | 1 | 74·1 | 29 | | | 40 | 19 | 153·4 | 7 | 72·6 | 13 | 264 | 19 | 115 | 29 | 1·32 | 27 |
| August | 29·880 | 31 | 29·544 | 6 | 0·336 | 98·0 | 8 | 72·9 | 19 | | | 47 | 5 | 153·7 | 8 | 72·1 | 22 | 236 | 25 | 103 | 13 | 1·92 | 18 |
| September | 29·904 | 4 | 29·568 | 18 | 0·336 | 93·7 | 1 | 72·8 | 24 | | | 53 | 19 | 158·6 | 22 | 71·1 | 24 | 228 | 20 | 59 | 15 | 3·29 | 23 |
| October | 29·973 | 29 | 29·652 | 16 | 0·321 | 93·3 | 1 | 62·1 | 28 | | | 32 | 28 | 155·6 | 5 | 57·9 | 28 | 251 | 18 | 68 | 3 | 4·30 | 15 |
| November | 29·990 | 29 | 29·670 | 18 | 0·320 | 89·9 | 1 | 62·9 | 30 | | | 41 | 8 | 150·2 | 3 | 59·9 | 28 | 246 | 18 | 54 | 22 | 2·33 | 17 |
| December | 30·040 | 12 | 29·799 | 26 | 0·241 | 87·4 | 2 | 61·9 | 1 | | | 51 | 11 | 149·0 | 16 | 57·9 | 1 | 269 | 16 | 107 | 25 | 5·07 | 18 |

## Madras Meteorological Observations. 1890—January.

| January 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·919 | 0·139 | 72·4 | 67·9 | 83·3 | 63·4 | 137·6 | 56·8 | 0·624 | 78 | 104 | NE by N | 7 | ... | Fine. |
| 2 | 29·967 | 0·070 | 72·1 | 67·7 | 82·9 | 61·8 | 137·8 | 58·3 | 0·620 | 78 | 76 | NE by N | 17 | ... | Do. |
| 3 | 29·973 | 0·077 | 71·7 | 68·1 | 83·3 | 62·6 | 137·8 | 59·2 | 0·641 | 83 | 85 | N N E | 3 | ... | Do. |
| 4 | 29·950 | 0·124 | 72·8 | 68·6 | 82·9 | 63·8 | 139·4 | 60·8 | 0·644 | 80 | 98 | NE by N | 2 | ... | Do. |
| 5 | 29·945 | 0·109 | 73·6 | 68·2 | 83·9 | 65·6 | 147·4 | 63·0 | 0·619 | 74 | 92 | N E | 27 | ... | Fine morning : cloudy afternoon. |
| 6 | 29·976 | 0·097 | 77·1 | 70·1 | 84·6 | 65·9 | 138·5 | 63·2 | 0·643 | 69 | 170 | N E | 30 | ... | Do. : do. |
| 7 | 29·998 | 0·088 | 72·9 | 70·3 | 75·5 | 71·8 | 89·8 | 71·6 | 0·708 | 88 | 144 | N by E | 100 | 0·14 | Overcast with light showers. |
| 8 | 29·967 | 0·100 | 74·5 | 71·1 | 82·7 | 70·8 | 142·1 | 71·0 | 0·717 | 84 | 195 | N N E | 70 | 0·21 | Cloudy : showers. |
| 9 | 29·988 | 0·093 | 72·9 | 68·7 | 82·1 | 63·0 | 136·2 | 60·2 | 0·647 | 80 | 148 | N N E | 10 | ... | Fine. |
| 10 | 29·956 | 0·112 | 72·8 | 69·4 | 83·7 | 65·0 | 141·7 | 62·2 | 0·674 | 83 | 124 | N N E | 28 | ... | Fine with passing clouds. |
| 11 | 29·935 | 0·098 | 73·2 | 68·4 | 82·9 | 64·3 | 139·7 | 61·0 | 0·632 | 77 | 153 | N N E | 13 | ... | Fine. |
| 12 | 29·939 | 0·076 | 74·7 | 69·6 | 82·8 | 66·4 | 139·8 | 63·6 | 0·657 | 77 | 177 | NE by N | 25 | ... | Fine with passing clouds. |
| 13 | 29·960 | 0·105 | 76·1 | 69·4 | 83·3 | 66·9 | 139·8 | 64·0 | 0·630 | 70 | 200 | N E | 40 | ... | Passing clouds. |
| 14 | 29·946 | 0·075 | 77·2 | 69·3 | 83·7 | 72·8 | 140·8 | 70·2 | 0·612 | 65 | 252 | NE by N | 28 | ... | Do. |
| 15 | 29·952 | 0·086 | 76·3 | 69·2 | 84·3 | 66·6 | 138·2 | 62·6 | 0·620 | 69 | 196 | N E | 42 | ... | Do. |
| 16 | 29·974 | 0·091 | 73·8 | 69·6 | 85·2 | 65·9 | 140·6 | 62·4 | 0·668 | 80 | 131 | NE by N | 45 | ... | Do. |
| 17 | 29·981 | 0·075 | 73·5 | 69·8 | 84·7 | 65·9 | 139·9 | 62·2 | 0·679 | 82 | 121 | N E | 48 | ... | Do. |
| 18 | 29·992 | 0·098 | 73·9 | 70·1 | 84·5 | 65·1 | 140·6 | 62·0 | 0·687 | 82 | 141 | NE by N | 42 | ... | Do. |
| 19 | 29·952 | 0·069 | 73·3 | 70·1 | 84·2 | 66·1 | 140·0 | 63·0 | 0·695 | 85 | 110 | NE by N | 18 | ... | Fine. |
| 20 | 29·902 | 0·100 | 71·8 | 69·1 | 84·2 | 62·9 | 137·5 | 58·4 | 0·677 | 87 | 100 | NE by E | 10 | ... | Do. |
| 21 | 29·916 | 0·074 | 73·5 | 69·7 | 87·4 | 64·1 | 140·6 | 60·8 | 0·677 | 82 | 71 | E N E | 8 | ... | Do. |
| 22 | 29·925 | 0·122 | 73·6 | 70·5 | 84·6 | 64·1 | 139·6 | 61·0 | 0·707 | 86 | 80 | E by N | 32 | ... | Passing clouds. |
| 23 | 29·908 | 0·113 | 72·5 | 69·4 | 85·9 | 66·3 | 143·8 | 63·0 | 0·679 | 85 | 83 | E S E | 55 | ... | Do. |
| 24 | 29·869 | 0·170 | 73·7 | 71·0 | 88·9 | 64·1 | 143·5 | 61·0 | 0·724 | 87 | 123 | SE by S | 20 | ... | Fine. |
| 25 | 29·835 | 0·143 | 75·3 | 72·3 | 87·4 | 68·0 | 141·6 | 66·0 | 0·754 | 86 | 118 | SE by S | 38 | ... | Passing clouds. |
| 26 | 29·888 | 0·077 | 75·2 | 72·1 | 85·6 | 69·0 | 145·8 | 66·4 | 0·748 | 86 | 106 | NE by E | 50 | ... | Do. |
| 27 | 29·893 | 0·105 | 76·9 | 71·1 | 85·3 | 68·3 | 146·4 | 66·2 | 0·685 | 74 | 160 | NE by N | 30 | ... | Do. |
| 28 | 29·936 | 0·034 | 75·8 | 69·4 | 85·6 | 65·9 | 140·3 | 63·0 | 0·634 | 71 | 162 | N E | 32 | ... | Do. |
| 29 | 29·975 | 0·083 | 75·5 | 69·4 | 85·1 | 67·1 | 142·8 | 64·2 | 0·639 | 72 | 223 | NE by N | 23 | ... | Fine. |
| 30 | 30·003 | 0·076 | 75·7 | 69·4 | 85·1 | 67·7 | 139·0 | 66·2 | 0·636 | 71 | 227 | N N E | 22 | ... | Do. |
| 31 | 30·022 | 0·088 | 75·8 | 70·0 | 85·2 | 68·1 | 140·4 | 66·0 | 0·657 | 74 | 187 | NE by N | 10 | ... | Do. |
| Mean | 29·947 | 0·096 | 74·2 | 69·6 | 84·2 | 66·1 | 139·0 | 63·2 | 0·666 | 79 | 141 | N E | 30 | 0·35 | |

# Madras Meteorological Observations. 1890—February.

| February 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 30·060 | 0·057 | 74·8 | 68·5 | 86·1 | 65·1 | 138·8 | 62·1 | 0·614 | 71 | 135 | NE by N | 10 | ... | Fine. |
| 2 | 30·090 | 0·079 | 74·1 | 68·1 | 85·0 | 63·7 | 137·7 | 60·1 | 0·608 | 72 | 129 | NE by N | 8 | ... | Do. |
| 3 | 30·090 | 0·113 | 73·3 | 67·2 | 85·2 | 62·9 | 140·0 | 59·9 | 0·587 | 72 | 131 | N N E | 2 | ... | Do. |
| 4 | 30·017 | 0·116 | 73·3 | 69·3 | 85·2 | 61·7 | 140·4 | 58·1 | 0·664 | 81 | 91 | N E | 0 | ... | Clear. |
| 5 | 30·010 | 0·075 | 75·1 | 70·4 | 85·4 | 65·1 | 141·0 | 62·3 | 0·682 | 78 | 103 | NE by E | 15 | ... | Fine. |
| 6 | 30·042 | 0·083 | 75·3 | 71·6 | 86·7 | 67·5 | 142·3 | 64·3 | 0·726 | 84 | 82 | E N E | 12 | ... | Do. |
| 7 | 30·009 | 0·132 | 74·7 | 71·2 | 86·2 | 66·5 | 140·5 | 62·9 | 0·718 | 84 | 68 | E N E | 5 | ... | Do. |
| 8 | 30·026 | 0·106 | 74·3 | 70·9 | 86·8 | 64·5 | 139·8 | 61·3 | 0·712 | 84 | 66 | E by N | 0 | ... | Clear. |
| 9 | 30·040 | 0·072 | 74·6 | 71·0 | 87·2 | 64·7 | 142·7 | 61·7 | 0·712 | 84 | 96 | NE by E | 25 | ... | Fine. |
| 10 | 30·035 | 0·093 | 75·8 | 71·7 | 87·1 | 66·3 | 145·2 | 63·1 | 0·723 | 82 | 108 | NE by N | 30 | ... | Passing clouds. |
| 11 | 30·008 | 0·100 | 76·4 | 72·2 | 86·4 | 67·9 | 144·5 | 64·9 | 0·735 | 81 | 164 | NE by N | 37 | ... | Do. |
| 12 | 29·998 | 0·079 | 78·9 | 72·6 | 87·3 | 69·1 | 140·5 | 66·9 | 0·718 | 73 | 148 | N E | 35 | ... | Do. |
| 13 | 29·965 | 0·128 | 76·9 | 70·2 | 87·0 | 67·1 | 141·5 | 64·1 | 0·650 | 70 | 167 | NE by N | 18 | ... | Fine. |
| 14 | 29·948 | 0·154 | 75·6 | 70·8 | 86·8 | 63·7 | 142·5 | 60·9 | 0·690 | 78 | 125 | N E | 13 | ... | Do. |
| 15 | 29·849 | 0·141 | 74·3 | 69·2 | 88·1 | 64·0 | 143·7 | 61·1 | 0·647 | 76 | 87 | NE by E | 10 | ... | Do. |
| 16 | 29·819 | 0·094 | 74·1 | 69·9 | 89·0 | 64·0 | 142·1 | 60·9 | 0·676 | 81 | 75 | East | 0 | ... | Clear. |
| 17 | 29·831 | 0·089 | 75·1 | 72·3 | 86·7 | 62·8 | 142·5 | 58·9 | 0·757 | 88 | 103 | S E | 0 | ... | Do. |
| 18 | 29·893 | 0·090 | 77·1 | 72·9 | 88·1 | 67·9 | 141·7 | 64·9 | 0·754 | 81 | 109 | SE by S | 15 | ... | Fine. |
| 19 | 29·915 | 0·111 | 76·1 | 72·9 | 86·1 | 65·4 | 139·7 | 62·7 | 0·767 | 85 | 92 | SE by E | 15 | .. | Do. |
| 20 | 29·937 | 0·084 | 77·0 | 73·3 | 88·0 | 67·3 | 141·6 | 64·4 | 0·771 | 83 | 84 | E by S | 0 | ... | Clear. |
| 21 | 29·937 | 0·136 | 76·8 | 72·2 | 92·6 | 67·0 | 146·7 | 63·9 | 0·730 | 79 | 93 | E N E | 0 | ... | Do. |
| 22 | 29·940 | 0·050 | 77·8 | 73·6 | 91·0 | 65·0 | 145·3 | 62·1 | 0·773 | 81 | 83 | E N E | 5 | ... | Fine. |
| 23 | 29·917 | 0·106 | 78·7 | 74·7 | 88·8 | 68·9 | 144·7 | 66·5 | 0·807 | 82 | 81 | E by N | 32 | ... | Passing clouds. |
| 24 | 29·946 | 0·117 | 78·7 | 74·8 | 89·0 | 69·2 | 145·3 | 66·5 | 0·811 | 82 | 105 | E by N | 5 | ... | Fine. |
| 25 | 29·935 | 0·124 | 77·6 | 73·0 | 87·1 | 67·2 | 141·7 | 63·9 | 0·752 | 80 | 98 | East | 0 | ... | Clear. |
| 26 | 29·925 | 0·116 | 77·8 | 73·6 | 88·2 | 68·4 | 143·6 | 65·9 | 0·773 | 82 | 93 | E by S | 0 | ... | Do. |
| 27 | 29·950 | 0·121 | 76·9 | 73·3 | 86·2 | 66·2 | 141·5 | 62·9 | 0·773 | 84 | 93 | E by S | 30 | ... | Passing clouds. |
| 28 | 29·936 | 0·164 | 78·6 | 73·9 | 88·4 | 69·3 | 144·1 | 67·1 | 0·775 | 79 | 121 | SE by E | 8 | ... | Fine. |
| Mean | 29·968 | 0·105 | 76·1 | 71·6 | 87·3 | 66·0 | 142·2 | 63·0 | 0·718 | 80 | 105 | E N E | 12 | *Nil.* | |

# Madras Meteorological Observations. 1890—March.

| March 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·920 | 0·106 | 78·2 | 73·4 | 86·6 | 69·0 | 149·2 | 66·2 | 0·760 | 79 | 90 | E S E | 35 | ... | Passing clouds. |
| 2 | 29·953 | 0·060 | 78·5 | 73·6 | 88·0 | 69·0 | 145·7 | 66·8 | 0·764 | 78 | 136 | E S E | 40 | ... | Do. |
| 3 | 29·974 | 0·100 | 81·1 | 74·7 | 88·0 | 75·2 | 146·8 | 73·0 | 0·774 | 73 | 157 | E by S | 48 | ... | Do. |
| 4 | 29·989 | 0·096 | 81·3 | 75·7 | 88·5 | 75·5 | 145·5 | 73·8 | 0·815 | 77 | 161 | E by S | 62 | ... | Do. |
| 5 | 29·972 | 0·108 | 80·0 | 74·4 | 89·1 | 72·8 | 150·6 | 70·2 | 0·778 | 76 | 127 | SE by E | 58 | ... | Do. |
| 6 | 29·939 | 0·118 | 80·9 | 75·1 | 87·9 | 74·4 | 143·5 | 73·6 | 0·794 | 75 | 147 | SE by E | 62 | ... | Do. |
| 7 | 29·916 | 0·097 | 80·3 | 74·4 | 88·5 | 73·0 | 144·8 | 71·2 | 0·772 | 74 | 117 | E S E | 48 | ... | Do. |
| 8 | 29·908 | 0·101 | 80·1 | 74·2 | 87·7 | 72·2 | 141·9 | 71·0 | 0·767 | 74 | 164 | SE by E | 35 | ... | Do. |
| 9 | 29·900 | 0·128 | 80·5 | 75·5 | 88·3 | 74·0 | 147·2 | 72·0 | 0·817 | 78 | 181 | SE by S | 12 | ... | Fine. |
| 10 | 29·871 | 0·120 | 81·0 | 75·8 | 89·1 | 75·0 | 143·7 | 73·4 | 0·825 | 78 | 158 | SE by S | 43 | ... | Passing clouds. |
| 11 | 29·828 | 0·119 | 81·3 | 74·9 | 89·1 | 73·2 | 143·9 | 71·0 | 0·780 | 73 | 160 | SE by S | 25 | ... | Do. |
| 12 | 29·837 | 0·082 | 81·6 | 75·6 | 88·9 | 73·1 | 150·1 | 71·0 | 0·806 | 75 | 169 | SE by S | 10 | ... | Fine. |
| 13 | 29·832 | 0·105 | 80·2 | 74·9 | 88·1 | 72·6 | 141·7 | 70·0 | 0·794 | 77 | 159 | SE by S | 5 | ... | Do. |
| 14 | 29·798 | 0·186 | 80·4 | 75·9 | 95·3 | 74·0 | 149·6 | 72·2 | 0·835 | 80 | 226 | S by E | 10 | ... | Do. |
| 15 | 29·785 | 0·125 | 83·3 | 77·4 | 91·6 | 78·0 | 143·7 | 77·0 | 0·861 | 75 | 258 | S by E | 10 | ... | Do. |
| 16 | 29·804 | 0·122 | 84·2 | 77·2 | 91·8 | 79·8 | 146·8 | 79·1 | 0·840 | 72 | 265 | S S E | 42 | ... | Passing clouds. |
| 17 | 29·809 | 0·126 | 82·6 | 77·2 | 90·2 | 79·8 | 143·8 | 79·1 | 0·862 | 77 | 272 | S S E | 55 | ... | Do. |
| 18 | 29·801 | 0·113 | 82·1 | 76·0 | 89·7 | 76·2 | 143·9 | 74·3 | 0·817 | 75 | 225 | SE by S | 30 | ... | Do. |
| 19 | 29·858 | 0·069 | 81·9 | 75·5 | 89·5 | 74·0 | 145·6 | 71·9 | 0·798 | 73 | 126 | SE by E | 32 | ... | Do. |
| 20 | 29·859 | 0·084 | 80·4 | 74·6 | 90·2 | 71·2 | 148·8 | 69·3 | 0·780 | 75 | 108 | SE by E | 15 | ... | Fine. |
| 21 | 29·823 | 0·099 | 80·4 | 75·6 | 90·2 | 71·5 | 144·8 | 69·3 | 0·822 | 79 | 112 | SE by E | 0 | ... | Clear. |
| 22 | 29·805 | 0·132 | 81·2 | 75·8 | 91·4 | 72·0 | 145·7 | 69·3 | 0·819 | 77 | 127 | S E | 10 | ... | Fine. |
| 23 | 29·791 | 0·144 | 82·3 | 78·2 | 92·4 | 73·2 | 145·0 | 71·7 | 0·911 | 83 | 158 | SE by S | 12 | ... | Do. |
| 24 | 29·809 | 0·152 | 82·3 | 77·2 | 92·2 | 74·2 | 149·8 | 72·3 | 0·867 | 79 | 165 | S S E | 18 | ... | Do. |
| 25 | 29·795 | 0·133 | 82·9 | 77·4 | 92·7 | 74·0 | 144·8 | 71·7 | 0·866 | 77 | 172 | S S E | 0 | ... | Clear. |
| 26 | 29·805 | 0·140 | 83·1 | 78·7 | 95·6 | 76·1 | 146·7 | 75·1 | 0·922 | 81 | 195 | S S E | 10 | ... | Fine. |
| 27 | 29·824 | 0·107 | 83·1 | 78·8 | 91·7 | 75·0 | 143·7 | 72·3 | 0·928 | 82 | 190 | S S E | 10 | ... | Do. |
| 28 | 29·835 | 0·126 | 83·1 | 78·4 | 93·2 | 75·2 | 144·0 | 73·3 | 0·910 | 80 | 182 | S S E | 15 | ... | Do. |
| 29 | 29·855 | 0·122 | 83·7 | 77·6 | 93·2 | 78·0 | 145·0 | 77·1 | 0·866 | 75 | 150 | S S E | 30 | ... | Passing clouds. |
| 30 | 29·853 | 0·122 | 82·8 | 78·7 | 95·4 | 76·2 | 147·6 | 74·1 | 0·927 | 83 | 157 | S S E | 27 | ... | Do. |
| 31 | 29·851 | 0·152 | 82·6 | 76·7 | 95·2 | 76·0 | 145·0 | 74·1 | 0·840 | 75 | 160 | S by E | 47 | ... | Do. |
| Mean | 29·858 | 0·116 | 81·5 | 76·1 | 90·6 | 74·3 | 145·8 | 72·5 | 0·830 | 77 | 167 | SE by S | 28 | Nil. | |

# Madras Meteorological Observations. 1890—April.

| April 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·815 | 0·177 | 81·7 | 77·7 | 94·0 | 77·3 | 133·8 | 76·1 | 0·897 | 83 | 166 | South | 70 | ... | Cloudy. |
| 2 | 29·812 | 0·091 | 83·0 | 78·1 | 94·6 | 76·0 | 140·6 | 73·3 | 0·897 | 79 | 179 | S S E | 40 | ... | Passing clouds. |
| 3 | 29·837 | 0·089 | 82·4 | 77·9 | 91·7 | 76·5 | 140·3 | 75·1 | 0·896 | 81 | 179 | S S E | 35 | ... | Do. |
| 4 | 29·854 | 0·107 | 82·6 | 77·9 | 90·4 | 76·2 | 139·6 | 74·1 | 0·894 | 80 | 152 | S by E | 17 | ... | Fine. |
| 5 | 29·861 | 0·179 | 82·7 | 77·4 | 90·9 | 75·7 | 140·8 | 73·5 | 0·870 | 78 | 158 | SE by S | 8 | ... | Do. |
| 6 | 29·892 | 0·109 | 83·4 | 77·3 | 92·5 | 75·2 | 142·8 | 73·1 | 0·856 | 75 | 136 | S E | 2 | ... | Do. |
| 7 | 29·921 | 0·090 | 83·2 | 77·9 | 93·2 | 75·2 | 143·8 | 73·1 | 0·886 | 78 | 118 | E S E | 10 | ... | Do. |
| 8 | 29·927 | 0·140 | 83·8 | 78·1 | 94·5 | 76·8 | 147·6 | 74·3 | 0·886 | 77 | 102 | E S E | 15 | ... | Do. |
| 9 | 29·897 | 0·128 | 83·0 | 77·5 | 92·3 | 75·2 | 139·8 | 73·1 | 0·871 | 77 | 128 | SE by S | 15 | ... | Do. |
| 10 | 29·875 | 0·133 | 83·6 | 78·4 | 92·1 | 74·2 | 141·0 | 72·0 | 0·903 | 77 | 153 | S by E | 8 | ... | Do. |
| 11 | 29·816 | 0·162 | 83·7 | 78·0 | 92·3 | 76·3 | 140·8 | 74·5 | 0·883 | 76 | 190 | SE by S | 5 | ... | Do. |
| 12 | 29·821 | 0·115 | 83·4 | 77·3 | 91·2 | 77·1 | 141·3 | 75·1 | 0·856 | 75 | 157 | SE by S | 20 | ... | Do. |
| 13 | 29·858 | 0·139 | 83·7 | 78·6 | 91·6 | 75·1 | 141·8 | 73·8 | 0·911 | 79 | 127 | S E | 30 | ... | Passing clouds. |
| 14 | 29·800 | 0·154 | 83·8 | 78·7 | 92·2 | 76·5 | 145·7 | 75·1 | 0·914 | 79 | 166 | SE by S | 30 | ... | Do. |
| 15 | 29·799 | 0·129 | 84·7 | 79·2 | 93·5 | 79·2 | 142·8 | 77·3 | 0·925 | 77 | 165 | SE by S | 18 | ... | Fine. |
| 16 | 29·772 | 0·175 | 85·1 | 78·8 | 97·8 | 79·0 | 149·4 | 77·1 | 0·901 | 75 | 136 | S S E | 27 | ... | Passing clouds. |
| 17 | 29·736 | 0·194 | 84·0 | 79·1 | 92·6 | 77·4 | 142·8 | 75·2 | 0·929 | 79 | 160 | S E | 23 | ... | Fine. |
| 18 | 29·772 | 0·145 | 84·4 | 77·2 | 96·0 | 77·2 | 145·4 | 76·2 | 0·838 | 71 | 97 | E by N | 37 | ... | Passing clouds : th. and lg. |
| 19 | 29·830 | 0·064 | 83·8 | 78·3 | 93·9 | 77·6 | 141·8 | 76·0 | 0·896 | 77 | 125 | SE by E | 30 | ... | Passing clouds : lg. |
| 20 | 29·841 | 0·133 | 85·4 | 78·0 | 93·2 | 78·4 | 141·3 | 77·0 | 0·860 | 70 | 150 | S E | 20 | ... | Fine. |
| 21 | 29·791 | 0·120 | 84·3 | 78·2 | 92·5 | 78·4 | 141·8 | 76·7 | 0·884 | 75 | 170 | SE by S | 15 | ... | Fine : lg. |
| 22 | 29·762 | 0·103 | 85·3 | 77·7 | 94·3 | 79·5 | 145·6 | 77·8 | 0·849 | 70 | 185 | S S E | 21 | ... | Do. ; do. |
| 23 | 29·771 | 0·106 | 84·4 | 79·1 | 93·0 | 79·4 | 142·6 | 77·0 | 0·924 | 78 | 227 | SE by S | 18 | ... | Fine. |
| 24 | 29·751 | 0·175 | 84·9 | 79·8 | 99·6 | 81·4 | 153·2 | 80·0 | 0·950 | 79 | 259 | S by E | 17 | ... | Fine : lg. |
| 25 | 29·729 | 0·132 | 85·5 | 79·5 | 98·3 | 81·2 | 149·8 | 80·0 | 0·927 | 76 | 231 | S by E | 25 | ... | Passing clouds : lg. |
| 26 | 29·766 | 0·136 | 85·5 | 77·7 | 97·4 | 78·8 | 148·4 | 78·0 | 0·846 | 67 | 145 | South | 43 | 0·17 | Passing clouds : th.-storm at 9·30 P.M. |
| 27 | 29·785 | 0·139 | 84·0 | 79·1 | 95·0 | 77·4 | 140·8 | 74·2 | 0·929 | 79 | 91 | S S E | 65 | ... | Cloudy. |
| 28 | 29·780 | 0·099 | 85·0 | 78·7 | 94·5 | 79·7 | 142·1 | 78·0 | 0·897 | 75 | 124 | SE by E | 25 | ... | Fine. |
| 29 | 29·788 | 0·155 | 84·8 | 78·9 | 95·0 | 78·5 | 145·6 | 76·2 | 0·909 | 76 | 142 | SE by S | 15 | ... | Do. |
| 30 | 29·809 | 0·133 | 84·3 | 78·6 | 94·5 | 77·3 | 139·7 | 75·1 | 0·902 | 77 | 104 | SE by S | 45 | ... | Passing clouds. |
| Mean | 29·816 | 0·132 | 84·0 | 78·3 | 93·8 | 77·5 | 143·1 | 75·6 | 0·893 | 77 | 154 | SE by S | 25 | 0·17 | |

# Madras Meteorological Observations. 1890—May.

| May 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·763 | 0·145 | 84·4 | 78·3 | 94·7 | 76·3 | 112·2 | 74·9 | 0·888 | 75 | 151 | SE by S | 35 | ... | Passing clouds. |
| 2 | 29·687 | 0·135 | 85·2 | 80·0 | 97·5 | 80·4 | 141·6 | 80·1 | 0·955 | 79 | 221 | S by E | 25 | ... | Fine. |
| 3 | 29·644 | 0·088 | 86·7 | 78·1 | 104·9 | 80·4 | 147·8 | 79·7 | 0·847 | 67 | 176 | South | 20 | ... | Do. |
| 4 | 29·689 | 0·065 | 87·1 | 81·5 | 104·1 | 82·3 | 147·8 | 82·4 | 1·002 | 78 | 188 | South | 20 | ... | Do. |
| 5 | 29·716 | 0·084 | 87·0 | 80·3 | 94·5 | 82·4 | 141·0 | 82·5 | 0·946 | 72 | 179 | South | 10 | ... | Do. |
| 6 | 29·644 | 0·141 | 88·0 | 82·2 | 99·1 | 81·2 | 145·8 | 81·3 | 1·023 | 76 | 153 | SE by S | 10 | ... | Do. |
| 7 | 29·581 | 0·123 | 88·9 | 79·9 | 108·3 | 82·3 | 154·8 | 81·9 | 0·900 | 65 | 195 | S by E | 15 | ... | Fine : lg. |
| 8 | 29·609 | 0·078 | 89·0 | 80·4 | 108·0 | 84·1 | 152·0 | 83·5 | 0·923 | 70 | 254 | S S W | 30 | ... | Passing clouds : lg. |
| 9 | 29·666 | 0·086 | 89·5 | 80·3 | 109·0 | 83·0 | 151·8 | 82·3 | 0·911 | 65 | 184 | S by W | 25 | ... | Passing clouds. |
| 10 | 29·704 | 0·078 | 88·6 | 79·6 | 107·3 | 82·4 | 156·7 | 81·5 | 0·890 | 66 | 183 | South | 25 | ... | Do. |
| 11 | 29·722 | 0·100 | 88·1 | 81·1 | 107·1 | 83·0 | 152·2 | 82·3 | 0·968 | 73 | 197 | S by W | 18 | ... | Fine. |
| 12 | 29·720 | 0·122 | 87·2 | 81·7 | 105·2 | 82·2 | 153·4 | 81·3 | 1·010 | 78 | 222 | S by E | 17 | ... | Do. |
| 13 | 29·751 | 0·090 | 86·6 | 81·2 | 102·6 | 82·0 | 148·2 | 80·3 | 0·993 | 78 | 196 | S by E | 2 | ... | Do. |
| 14 | 29·779 | 0·120 | 85·4 | 80·7 | 96·9 | 80·4 | 144·1 | 79·9 | 0·985 | 81 | 236 | S by E | 10 | ... | Fine : lg. |
| 15 | 29·767 | 0·117 | 84·7 | 80·8 | 91·7 | 80·6 | 141·5 | 80·5 | 0·999 | 83 | 278 | S S E | 25 | ... | Passing clouds : th. and lg. |
| 16 | 29·735 | 0·074 | 81·9 | 78·1 | 93·9 | 79·5 | 142·5 | 79·0 | 0·871 | 72 | 183 | S S E | 32 | ... | Passing clouds. |
| 17 | 29·725 | 0·102 | 85·4 | 80·3 | 92·3 | 80·5 | 139·6 | 79·8 | 0·967 | 79 | 224 | S S E | 27 | ... | Do. |
| 18 | 29·730 | 0·101 | 85·5 | 81·5 | 92·9 | 80·5 | 140·3 | 80·2 | 1·023 | 81 | 226 | S S E | 25 | ... | Do. |
| 19 | 29·730 | 0·068 | 86·2 | 79·9 | 95·0 | 81·3 | 142·8 | 81·2 | 0·937 | 74 | 212 | South | 32 | ... | Do. |
| 20 | 29·714 | 0·121 | 85·5 | 81·5 | 99·1 | 80·9 | 147·6 | 80·7 | 1·023 | 82 | 233 | S S E | 28 | ... | Passing clouds : lg. |
| 21 | 29·719 | 0·106 | 86·6 | 79·3 | 99·5 | 81·5 | 146·8 | 80·8 | 0·904 | 70 | 183 | S S E | 13 | ... | Fine : lg. |
| 22 | 29·717 | 0·127 | 85·7 | 79·1 | 97·6 | 81·0 | 145·6 | 80·8 | 0·906 | 74 | 198 | SE by S | 23 | ... | Do. : do. |
| 23 | 29·729 | 0·141 | 86·8 | 80·1 | 99·2 | 81·5 | 147·0 | 81·2 | 0·938 | 73 | 195 | S S E | 40 | ... | Passing clouds. |
| 24 | 29·706 | 0·139 | 86·6 | 81·4 | 104·9 | 81·7 | 152·8 | 81·6 | 1·003 | 77 | 204 | South | 22 | ... | Fine. |
| 25 | 29·680 | 0·124 | 89·5 | 79·9 | 106·5 | 83·7 | 154·8 | 83·6 | 0·893 | 65 | 235 | S by W | 20 | ... | Do. |
| 26 | 29·692 | 0·116 | 88·5 | 81·0 | 105·8 | 84·5 | 152·0 | 83·8 | 0·958 | 71 | 246 | S S W | 10 | ... | Do. |
| 27 | 29·684 | 0·130 | 90·3 | 80·5 | 106·2 | 85·3 | 150·8 | 84·6 | 0·908 | 63 | 224 | S by W | 10 | ... | Do. |
| 28 | 29·656 | 0·119 | 91·7 | 82·0 | 103·1 | 85·5 | 147·6 | 85·4 | 0·963 | 65 | 271 | SW by S | 18 | ... | Fine : thunderstorm. |
| 29 | 29·671 | 0·121 | 91·4 | 75·9 | 105·0 | 81·5 | 142·3 | 81·2 | 0·686 | 46 | 232 | SW by W | 40 | ... | Passing clouds. |
| 30 | 29·730 | 0·140 | 87·7 | 78·1 | 103·2 | 85·3 | 149·7 | 84·8 | 0·834 | 64 | 281 | SW by S | 40 | ... | Do. |
| 31 | 29·661 | 0·187 | 91·7 | 78·9 | 106·1 | 84·7 | 150·8 | 84·6 | 0·816 | 54 | 309 | W S W | 42 | ... | Passing clouds : thunderstorm. |
| Mean | 29·701 | 0·113 | 87·4 | 80·1 | 101·3 | 82·0 | 147·5 | 81·5 | 0·931 | 72 | 215 | South | 23 | *Nil.* | |

# Madras Meteorological Observations. 1890—June.

| June 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·667 | 0·169 | 91·1 | 79·4 | 103·5 | 85·8 | 149·9 | 84·3 | 0·847 | 58 | 269 | SW by W | 50 | ... | Passing clouds. |
| 2 | 29·703 | 0·126 | 88·1 | 78·5 | 103·3 | 84·5 | 148·0 | 83·8 | 0·847 | 61 | 263 | SW by S | 55 | ... | Passing clouds: thunderstorm. |
| 3 | 29·705 | 0·081 | 83·7 | 78·4 | 99·2 | 83·1 | 133·6 | 82·5 | 0·902 | 77 | 224 | S by W | 82 | ... | Cloudy. |
| 4 | 29·709 | 0·122 | 88·1 | 78·5 | 99·3 | 83·0 | 139·9 | 82·3 | 0·847 | 64 | 177 | SW by S | 70 | ... | Passing clouds: thunderstorm. |
| 5 | 29·661 | 0·135 | 87·7 | 77·5 | 101·0 | 81·8 | 145·7 | 80·1 | 0·807 | 62 | 194 | SW by S | 50 | ... | Passing clouds: lg. |
| 6 | 29·649 | 0·118 | 89·4 | 77·8 | 103·3 | 82·7 | 157·1 | 82·0 | 0·798 | 58 | 191 | S S W | 48 | ... | Do. : do. |
| 7 | 29·660 | 0·100 | 87·2 | 77·7 | 95·8 | 82·0 | 127·1 | 81·1 | 0·823 | 64 | 180 | SW by S | 80 | ... | Cloudy. |
| 8 | 29·642 | 0·145 | 86·1 | 78·3 | 101·9 | 81·7 | 143·3 | 81·1 | 0·865 | 69 | 181 | SW by S | 72 | 1·14 | Cloudy: thunderstorm 4 to 6 P.M. |
| 9 | 29·635 | 0·122 | 84·5 | 78·2 | 95·6 | 78·8 | 140·8 | 76·1 | 0·881 | 74 | 149 | SW by S | 58 | ... | Passing clouds. |
| 10 | 29·631 | 0·127 | 84·5 | 79·4 | 97·9 | 79·6 | 141·5 | 78·9 | 0·937 | 79 | 135 | S S W | 47 | ... | Passing clouds: thunderstorm. |
| 11 | 29·656 | 0·090 | 83·9 | 78·4 | 91·0 | 80·7 | 117·1 | 78·1 | 0·899 | 77 | 166 | S by E | 78 | 0·04 | Cloudy: lg. |
| 12 | 29·698 | 0·090 | 83·6 | 79·3 | 91·3 | 77·8 | 143·9 | 77·1 | 0·944 | 82 | 204 | South | 50 | ... | Passing clouds: lg. |
| 13 | 29·718 | 0·157 | 82·7 | 77·0 | 99·3 | 78·3 | 149·1 | 76·8 | 0·852 | 76 | 157 | S by W | 50 | 0·69 | Passing clouds: thunderstorm about 7 P.M. |
| 14 | 29·674 | 0·198 | 84·5 | 78·5 | 98·5 | 78·4 | 142·3 | 77·7 | 0·895 | 76 | 140 | SW by S | 67 | 1·16 | Cloudy: rainy: thunderstorm about 5-30 P.M. |
| 15 | 29·663 | 0·111 | 80·7 | 77·1 | 88·8 | 73·8 | 124·9 | 72·5 | 0·884 | 85 | 137 | S W | 100 | 1·26 | Overcast: rain. |
| 16 | 29·656 | 0·086 | 82·6 | 76·5 | 87·7 | 78·5 | 111·6 | 77·0 | 0·832 | 75 | 138 | SW by S | 100 | ... | Overcast: lg. |
| 17 | 29·673 | 0·115 | 82·7 | 77·0 | 90·2 | 79·8 | 124·0 | 79·1 | 0·852 | 76 | 160 | SW by S | 100 | 0·09 | Overcast: thunderstorm. |
| 18 | 29·663 | 0·090 | 83·8 | 75·5 | 90·1 | 78·6 | 122·6 | 78·0 | 0·773 | 67 | 203 | W S W | 90 | 0·14 | Cloudy. |
| 19 | 29·679 | 0·146 | 81·8 | 76·0 | 95·8 | 75·5 | 139·1 | 73·2 | 0·821 | 76 | 157 | W S W | 90 | 0·08 | Do. |
| 20 | 29·714 | 0·086 | 84·6 | 76·1 | 95·4 | 78·8 | 146·8 | 78·0 | 0·787 | 66 | 162 | SW by W | 75 | ... | Do. |
| 21 | 29·757 | 0·157 | 85·8 | 75·4 | 98·4 | 78·6 | 140·0 | 76·9 | 0·741 | 59 | 172 | S S W | 52 | ... | Passing clouds. |
| 22 | 29·726 | 0·154 | 83·4 | 77·4 | 96·4 | 78·7 | 141·2 | 77·9 | 0·861 | 75 | 203 | South | 35 | ... | Do. |
| 23 | 29·701 | 0·088 | 83·2 | 78·3 | 94·0 | 81·6 | 140·3 | 81·1 | 0·904 | 79 | 167 | South | 53 | ... | Do. |
| 24 | 29·731 | 0·104 | 84·3 | 78·0 | 95·6 | 73·7 | 138·1 | 73·1 | 0·875 | 74 | 190 | S S W | 62 | 0·01 | Do. |
| 25 | 29·751 | 0·107 | 84·0 | 78·7 | 96·8 | 79·3 | 143·8 | 78·2 | 0·911 | 78 | 161 | S by W | 40 | ... | Passing clouds: thunderstorm. |
| 26 | 29·767 | 0·140 | 79·9 | 76·2 | 91·6 | 72·1 | 136·8 | 71·3 | 0·855 | 84 | 165 | S W | 63 | 1·16 | Cloudy: thunderstorm 3-45 to 8 P.M. |
| 27 | 29·739 | 0·127 | 83·4 | 76·8 | 95·6 | 76·7 | 137·8 | 76·1 | 0·834 | 73 | 213 | SW by W | 55 | 0·01 | Passing clouds: lg. |
| 28 | 29·759 | 0·052 | 80·5 | 76·7 | 87·9 | 73·6 | 116·8 | 73·1 | 0·869 | 84 | 169 | S W | 83 | 0·29 | Cloudy: rain. |
| 29 | 29·752 | 0·064 | 82·5 | 76·8 | 89·7 | 77·5 | 120·0 | 76·1 | 0·846 | 76 | 111 | S W | 85 | ... | Cloudy. |
| 30 | 29·679 | 0·148 | 84·0 | 76·5 | 92·1 | 78·8 | 139·2 | 77·3 | 0·813 | 70 | 218 | W by S | 67 | ... | Do. |
| Mean | 29·694 | 0·119 | 84·4 | 77·5 | 95·6 | 79·1 | 136·7 | 78·0 | 0·853 | 73 | 179 | SW by S | 67 | 6·07 | |

## Madras Meteorological Observations. 1890—July.

| July 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·672 | 0·079 | 83·5 | 75·6 | 92·2 | 78·6 | 127·9 | 77·8 | 0·781 | 68 | 194 | W by S | 97 | ... | Overcast. |
| 2 | 29·750 | 0·022 | 83·3 | 75·1 | 94·0 | 75·8 | 136·7 | 73·0 | 0·762 | 66 | 188 | S W | 82 | ... | Cloudy. |
| 3 | 29·817 | 0·113 | 85·2 | 76·8 | 96·1 | 77·4 | 140·1 | 75·6 | 0·809 | 66 | 177 | SW by S | 10 | ... | Fine. |
| 4 | 29·797 | 0·122 | 84·0 | 77·4 | 96·2 | 78·7 | 143·1 | 77·2 | 0·852 | 73 | 131 | S by E | 63 | 0·03 | Passing clouds. |
| 5 | 29·786 | 0·132 | 84·5 | 76·9 | 95·8 | 79·6 | 140·6 | 78·6 | 0·824 | 70 | 132 | South | 52 | ... | Do. |
| 6 | 29·752 | 0·126 | 84·6 | 77·9 | 93·8 | 79·9 | 121·4 | 79·1 | 0·866 | 72 | 138 | SW by S | 68 | 0·18 | Cloudy : lg. |
| 7 | 29·757 | 0·094 | 81·4 | 78·1 | 91·6 | 73·6 | 130·5 | 72·1 | 0·919 | 86 | 142 | S by W | 98 | ... | Overcast. |
| 8 | 29·784 | 0·075 | 82·8 | 76·7 | 90·0 | 79·2 | 118·5 | 78·2 | 0·838 | 75 | 125 | S S W | 90 | ... | Cloudy. |
| 9 | 29·759 | 0·133 | 84·4 | 76·1 | 94·2 | 78·0 | 128·8 | 76·2 | 0·790 | 67 | 152 | S W | 58 | ... | Passing clouds. |
| 10 | 29·746 | 0·122 | 85·5 | 76·7 | 94·4 | 80·4 | 139·5 | 79·2 | 0·802 | 65 | 182 | S W | 60 | ... | Passing clouds : lg. |
| 11 | 29·761 | 0·111 | 84·9 | 75·8 | 93·2 | 79·8 | 138·9 | 79·0 | 0·770 | 64 | 207 | S W | 70 | ... | Do. do. |
| 12 | 29·730 | 0·178 | 86·0 | 76·6 | 98·9 | 78·0 | 147·2 | 76·4 | 0·790 | 63 | 179 | S W | 37 | ... | Passing clouds. |
| 13 | 29·707 | 0·153 | 86·4 | 78·7 | 99·2 | 78·8 | 145·5 | 78·2 | 0·878 | 70 | 184 | S W | 45 | ... | Do. |
| 14 | 29·729 | 0·153 | 81·2 | 76·8 | 92·7 | 75·4 | 140·5 | 75·3 | 0·863 | 81 | 247 | SW by S | 83 | ... | Cloudy : lg. |
| 15 | 29·743 | 0·112 | 84·1 | 76·9 | 94·3 | 75·0 | 112·9 | 74·1 | 0·829 | 71 | 156 | W S W | 67 | 0·29 | Cloudy : rainy : lg. |
| 16 | 29·728 | 0·114 | 80·7 | 77·1 | 94·6 | 73·1 | 139·7 | 72·9 | 0·884 | 85 | 159 | W by S | 75 | 0·80 | Cloudy : thunderstorm 5-15 P.M. |
| 17 | 29·672 | 0·122 | 82·8 | 77·7 | 93·1 | 73·7 | 142·7 | 72·9 | 0·883 | 79 | 190 | SW by S | 45 | 0·08 | Passing clouds : lg. |
| 18 | 29·675 | 0·070 | 84·1 | 77·4 | 93·1 | 77·8 | 136·5 | 76·2 | 0·850 | 73 | 146 | SW by W | 82 | 0·12 | Cloudy : rain. |
| 19 | 29·694 | 0·061 | 82·4 | 74·6 | 91·1 | 76·3 | 125·7 | 74·4 | 0·753 | 68 | 145 | W S W | 90 | 0·08 | Cloudy : lg. |
| 20 | 29·687 | 0·139 | 81·6 | 76·4 | 87·7 | 76·5 | 118·7 | 74·5 | 0·841 | 78 | 162 | SW by S | 97 | 0·42 | Overcast : rain : lg. |
| 21 | 29·674 | 0·118 | 81·9 | 75·6 | 91·3 | 74·3 | 139·4 | 72·9 | 0·801 | 74 | 176 | S W | 88 | 0·01 | Cloudy. |
| 22 | 29·688 | 0·126 | 81·4 | 75·9 | 93·0 | 77·1 | 143·0 | 74·4 | 0·822 | 77 | 160 | SW by S | 75 | 1·83 | Cloudy : thunderstorm from 6-15 P.M. |
| 23 | 29·717 | 0·113 | 81·2 | 77·7 | 87·4 | 74·3 | 117·5 | 73·4 | 0·904 | 85 | 128 | S S W | 95 | 0·06 | Overcast. |
| 24 | 29·756 | 0·082 | 82·4 | 76·8 | 88·9 | 76·3 | 128·7 | 74·9 | 0·848 | 77 | 114 | S S W | 80 | ... | Cloudy. |
| 25 | 29·756 | 0·125 | 83·4 | 76·9 | 94·1 | 75·7 | 143·9 | 74·4 | 0·837 | 73 | 159 | S S W | 50 | ... | Passing clouds : lg. |
| 26 | 29·748 | 0·133 | 82·3 | 76·2 | 94·6 | 75·8 | 142·7 | 73·4 | 0·824 | 75 | 163 | S S W | 60 | 2·04 | Passing clouds : heavy thunderstorm after 10-30 P.M. |
| 27 | 29·796 | 0·051 | 78·4 | 75·9 | 87·1 | 72·9 | 127·7 | 72·1 | 0·862 | 89 | 108 | S W | 95 | 0·47 | Cloudy : rain : lg. |
| 28 | 29·808 | 0·087 | 81·4 | 76·3 | 90·2 | 73·2 | 137·0 | 72·4 | 0·839 | 78 | 149 | SW by S | 57 | ... | Passing clouds. |
| 29 | 29·781 | 0·089 | 83·0 | 77·1 | 93·1 | 75·9 | 137·9 | 74·9 | 0·852 | 75 | 138 | S W | 53 | ... | Do. |
| 30 | 29·774 | 0·110 | 79·8 | 75·9 | 89·6 | 75·3 | 123·7 | 74·2 | 0·844 | 83 | 82 | W S W | 98 | 0·89 | Overcast : rain. |
| 31 | 29·783 | 0·094 | 78·3 | 74·4 | 87·1 | 72·4 | 128·7 | 71·7 | 0·799 | 82 | 167 | W S W | 100 | 0·03 | Overcast. |
| Mean | 29·743 | 0·108 | 82·8 | 76·6 | 92·7 | 76·4 | 134·7 | 75·1 | 0·833 | 74 | 157 | S W | 72 | 7·38 | |

# Madras Meteorological Observations. 1890—August.

| August 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·770 | 0·129 | 80·3 | 73·5 | 88·3 | 75·7 | 139·7 | 73·6 | 0·736 | 71 | 163 | W by N | 97 | ... | Overcast. |
| 2 | 29·746 | 0·078 | 82·7 | 75·4 | 88·7 | 76·2 | 126·8 | 72·6 | 0·783 | 70 | 125 | W by S | 98 | ... | Do. |
| 3 | 29·741 | 0·065 | 81·0 | 76·1 | 91·1 | 78·2 | 145·0 | 77·1 | 0·835 | 78 | 103 | SW by W | 90 | 0·07 | Do. |
| 4 | 29·749 | 0·114 | 81·5 | 76·0 | 90·2 | 75·6 | 138·6 | 74·3 | 0·824 | 77 | 99 | W by N | 93 | 0·21 | Cloudy with showers: lg. |
| 5 | 29·705 | 0 110 | 82·0 | 75·5 | 91·2 | 75·8 | 130·5 | 75·1 | 0·797 | 73 | 141 | W by S | 87 | ... | Cloudy. |
| 6 | 29·699 | 0·094 | 80·7 | 75·7 | 89·3 | 78·8 | 123·3 | 75·3 | 0·822 | 78 | 159 | W by S | 95 | 0·04 | Do. |
| 7 | 29·715 | 0·097 | 83·0 | 75·6 | 91·2 | 76·7 | 143·8 | 75·9 | 0·785 | 69 | 135 | SW by W | 65 | ... | Passing clouds. |
| 8 | 29·736 | 0·160 | 85·1 | 76·6 | 94·7 | 80·2 | 141·9 | 79·1 | 0·802 | 66 | 131 | W S W | 75 | ... | Cloudy. |
| 9 | 29·724 | 0·158 | 84·0 | 77·1 | 94·2 | 80·2 | 143·0 | 79·4 | 0·838 | 72 | 160 | S S W | 80 | ... | Do. |
| 10 | 29·745 | 0·101 | 82·2 | 77·3 | 94·2 | 77·0 | 133·0 | 75·6 | 0·872 | 79 | 149 | S W | 90 | 0·04 | Do. |
| 11 | 29·765 | 0·101 | 84·1 | 76·7 | 94·7 | 78·1 | 142·3 | 77·0 | 0·820 | 70 | 184 | SW by S | 70 | ... | Passing clouds. |
| 12 | 29·772 | 0·125 | 82·5 | 77·4 | 92·0 | 78·0 | 126·1 | 76·6 | 0·874 | 79 | 92 | S S W | 63 | ... | Do. |
| 13 | 29·741 | 0·170 | 84·1 | 77·7 | 93·8 | 78·1 | 142·0 | 76·5 | 0·866 | 74 | 156 | South | 52 | ... | Do. |
| 14 | 29·738 | 0·098 | 81·1 | 75·5 | 87·7 | 74·3 | 112·1 | 73·5 | 0·809 | 77 | 136 | W by S | 93 | 0·27 | Overcast: rain: lg. |
| 15 | 29·780 | 0·092 | 81·3 | 75·7 | 88·8 | 77·1 | 135·0 | 75·2 | 0·815 | 77 | 118 | W by S | 97 | ... | Overcast. |
| 16 | 29·788 | 0·106 | 75·9 | 72·3 | 79·2 | 76·2 | 91·4 | 71·9 | 0·746 | 84 | 71 | West | 97 | 0·10 | Do. |
| 17 | 29·776 | 0·086 | 79·6 | 76·1 | 89·1 | 74·0 | 146·0 | 70·7 | 0·854 | 84 | 145 | S S W | 90 | 0·08 | Cloudy. |
| 18 | 29·772 | 0·105 | 81·0 | 75·5 | 87·2 | 75·8 | 123·0 | 74·4 | 0·810 | 77 | 118 | W by S | 90 | ... | Do. |
| 19 | 29·800 | 0·044 | 80·6 | 75·6 | 87·2 | 77·9 | 115·5 | 76·4 | 0·819 | 78 | 119 | West | 98 | 0·01 | Overcast. |
| 20 | 29·833 | 0·066 | 77·7 | 76·0 | 91·0 | 74·7 | 145·1 | 73·9 | 0·876 | 92 | 84 | E by N | 80 | 1·09 | Cloudy: heavy rain. |
| 21 | 29·818 | 0·140 | 82·0 | 77·8 | 91·1 | 78·8 | 147·1 | 78·1 | 0 897 | 82 | 103 | S by W | 63 | ... | Passing clouds. |
| 22 | 29·841 | 0·085 | 78·1 | 76·2 | 86·1 | 76·9 | 144·2 | 76·6 | 0·879 | 91 | 107 | S W | 85 | 0·09 | Cloudy. |
| 23 | 29·824 | 0·133 | 81·0 | 78·0 | 92·2 | 75·4 | 149·1 | 74·0 | 0·920 | 87 | 95 | S S W | 57 | ... | Passing clouds: lg. |
| 24 | 29·826 | 0·145 | 81·3 | 76·5 | 95·0 | 74·0 | 152·2 | 73·7 | 0·849 | 80 | 134 | SW by S | 52 | ... | Do. : do. |
| 25 | 29·781 | 0·131 | 80·5 | 77·2 | 94·4 | 77·0 | 150·2 | 75·9 | 0·891 | 85 | 109 | S S W | 58 | 0·18 | Passing clouds. |
| 26 | 29·817 | 0·129 | 81·8 | 78·1 | 91·5 | 75·9 | 136·9 | 75·2 | 0·913 | 85 | 105 | S S E | 55 | ... | Passing clouds: lg. |
| 27 | 29·772 | 0·158 | 81·1 | 76·5 | 90·4 | 76·0 | 144·1 | 75·3 | 0·852 | 82 | 123 | SW by S | 55 | 0·03 | Passing clouds. |
| 28 | 29·790 | 0·115 | 82·7 | 77·6 | 93·4 | 76·6 | 143·1 | 74·9 | 0·880 | 79 | 100 | S by W | 47 | ... | Do. |
| 29 | 29·786 | 0·114 | 83·2 | 78·1 | 93·7 | 76·2 | 148·0 | 75·2 | 0·895 | 79 | 112 | SW by W | 30 | ... | Passing clouds: lg. |
| 30 | 29·787 | 0·096 | 83·5 | 77·2 | 89·3 | 76·7 | 133·0 | 76·4 | 0·850 | 74 | 132 | W by N | 70 | ... | Cloudy. |
| 31 | 29·789 | 0·105 | 82·6 | 76·7 | 93·6 | 77·1 | 147·2 | 76·5 | 0·840 | 75 | 124 | S S W | 85 | ... | Cloudy: lg. |
| Mean | 29·772 | 0·111 | 81·6 | 76·4 | 90·8 | 76·8 | 136·7 | 75·4 | 0·840 | 78 | 124 | SW by S | 76 | 2·21 | |

## Madras Meteorological Observations. 1890—September.

| September 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Dry | | Sun | Grass | | | | | | | |
| | Mean | Range | Dry | Wet | Max. | Min. | Max. | Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·805 | 0·112 | 81·8 | 77·9 | 94·8 | 76·2 | 153·0 | 76·2 | 0·904 | 83 | 135 | South | 70 | ... | Passing clouds. |
| 2 | 29·816 | 0·114 | 82·7 | 78·0 | 95·2 | 76·7 | 147·0 | 76·1 | 0·897 | 80 | 87 | S S W | 38 | ... | Do. |
| 3 | 29·859 | 0·176 | 79·4 | 77·8 | 89·3 | 73·7 | 136·1 | 73·9 | 0·933 | 93 | 82 | S W | 67 | 0·61 | Passing clouds : rain : lg. |
| 4 | 29·761 | 0·143 | 82·3 | 78·5 | 94·6 | 75·0 | 140·7 | 74·1 | 0·925 | 83 | 145 | South | 68 | 0·01 | Passing clouds : lg. |
| 5 | 29·736 | 0·113 | 82·1 | 79·0 | 93·0 | 72·9 | 146·8 | 71·8 | 0·951 | 86 | 98 | S W | 65 | 0·02 | Cloudy. |
| 6 | 29·697 | 0·131 | 82·0 | 78·4 | 92·9 | 76·7 | ... | 76·3 | 0·925 | 84 | 62 | SW by S | 67 | 0·02 | Do. |
| 7 | 29·695 | 0·095 | 81·5 | 76·6 | 86·2 | 78·0 | 129·6 | 77·4 | 0·851 | 79 | 44 | W by S | 90 | ... | Do. |
| 8 | 29·687 | 0·110 | 78·8 | 76·7 | 84·2 | 76·0 | ... | 75·3 | 0·892 | 90 | 49 | West | 98 | 0·19 | Overcast : rain : lg. |
| 9 | 29·672 | 0·105 | 81·5 | 78·3 | 91·0 | 76·3 | 130·4 | 75·9 | 0·927 | 86 | 99 | SW by S | 67 | 0·86 | Passing clouds : rain. |
| 10 | 29·684 | 0·078 | 79·4 | 77·1 | 91·5 | 75·9 | 147·1 | 74·3 | 0·901 | 90 | 90 | S W | 70 | 0·43 | Cloudy : lg. |
| 11 | 29·696 | 0·086 | 82·0 | 77·7 | 91·1 | 75·0 | 141·6 | 73·3 | 0·893 | 81 | 127 | SW by S | 85 | ... | Cloudy. |
| 12 | 29·715 | 0·084 | 80·8 | 76·9 | 89·0 | 74·9 | 143·1 | 73·1 | 0·873 | 83 | 140 | S W | 90 | 0·10 | Cloudy : th. and lg. |
| 13 | 29·733 | 0·082 | 83·2 | 77·6 | 92·4 | 77·3 | 146·4 | 75·0 | 0·873 | 77 | 140 | SW by S | 60 | ... | Passing clouds : lg. |
| 14 | 29·752 | 0·123 | 80·5 | 76·0 | 86·6 | 75·7 | 126·0 | 73·1 | 0·838 | 80 | 122 | SW by W | 100 | 0·15 | Overcast : thunderstorm. |
| 15 | 29·722 | 0·117 | 82·2 | 76·8 | 90·5 | 78·7 | 143·5 | 76·5 | 0·850 | 77 | 161 | S W | 80 | ... | Cloudy. |
| 16 | 29·716 | 0·117 | 83·1 | 76·6 | 90·3 | 77·3 | 147·1 | 75·6 | 0·829 | 73 | 140 | SW by W | 65 | ... | Passing clouds. |
| 17 | 29·749 | 0·081 | 82·2 | 75·7 | 88·7 | 79·3 | 123·9 | 78·1 | 0·802 | 73 | 119 | West | 90 | .... | Cloudy. |
| 18 | 29·757 | 0·092 | 82·6 | 76·7 | 90·0 | 78·5 | 126·5 | 76·8 | 0·840 | 75 | 136 | SW by W | 85 | ... | Do. |
| 19 | 29·759 | 0·113 | 83·9 | 76·6 | 91·8 | 77·8 | 138·2 | 75·9 | 0·818 | 71 | 205 | SW by S | 57 | ... | Passing clouds. |
| 20 | 29·775 | 0·144 | 84·0 | 76·4 | 93·8 | 77·1 | 144·7 | 75·3 | 0·809 | 69 | 214 | S W | 43 | ... | Do. |
| 21 | 29·756 | 0·177 | 84·9 | 75·2 | 95·4 | 78·1 | 145·5 | 76·8 | 0·745 | 61 | 170 | W by S | 72 | ... | Cloudy. |
| 22 | 29·745 | 0·123 | 84·3 | 74·1 | 92·7 | 80·5 | 142·8 | ... | 0·706 | 60 | 202 | NW by W | 88 | ... | Do. |
| 23 | 29·763 | 0·144 | 82·0 | 75·7 | 91·4 | 76·4 | 146·3 | ... | 0·805 | 73 | 122 | W by N | 90 | 0·01 | Do. |
| 24 | 29·757 | 0·166 | 85·8 | 77·8 | 97·7 | 80·3 | 149·8 | 79·0 | 0·846 | 68 | 154 | S S W | 68 | ... | Passing clouds. |
| 25 | 29·756 | 0·152 | 84·5 | 75·6 | 95·9 | 79·3 | 147·6 | 77·5 | 0·766 | 64 | 173 | S by W | 42 | ... | Do. |
| 26 | 29·778 | 0·132 | 83·7 | 75·7 | 96·6 | 78·4 | 153·8 | 76·8 | 0·782 | 68 | 174 | S by W | 38 | ... | Do. |
| 27 | 29·816 | 0·123 | 84·5 | 77·1 | 95·0 | 78·0 | 153·0 | 76·0 | 0·832 | 70 | 162 | S by E | 45 | ... | Do. |
| 28 | 29·827 | 0·128 | 82·0 | 78·1 | 94·8 | 75·4 | 150·0 | 73·7 | 0·910 | 83 | 141 | S W | 70 | 0·02 | Do. |
| 29 | 29·820 | 0·107 | 83·6 | 79·2 | 92·3 | 78·1 | 150·9 | 75·9 | 0·939 | 81 | 108 | S E | 45 | ... | Do. |
| 30 | 29 816 | 0·124 | 79·6 | 76·9 | 92·1 | 75·7 | 147·0 | 74·6 | 0·890 | 88 | 106 | South | 45 | 0·17 | Passing clouds : lg. |
| Mean | 29·754 | 0·120 | 8·24 | 77·0 | 92·0 | 77·0 | 142·8 | 75·5 | 0·858 | 78 | 130 | S W | 69 | 2·59 | |

# Madras Meteorological Observations. 1890—October.

| October 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·832 | 0·084 | 82·8 | 78·9 | 91·2 | 75·2 | 145·8 | 73·8 | 0·936 | 83 | 90 | S S E | 30 | ... | Passing clouds: lg. |
| 2 | 29·857 | 0·109 | 81·3 | 78·1 | 92·0 | 75·5 | 153·7 | 73·9 | 0·920 | 86 | 106 | South | 55 | 0·03 | Passing clouds. |
| 3 | 29·818 | 0·132 | 82·7 | 79·6 | 93·3 | 76·8 | 148·6 | 74·8 | 0·971 | 87 | 98 | S S E | 40 | ... | Passing clouds: lg. |
| 4 | 29·774 | 0·103 | 83·2 | 79·4 | 93·0 | 76·5 | 150·7 | 74·9 | 0·954 | 84 | 83 | S by E | 25 | ... | Do. : do. |
| 5 | 29·769 | 0·103 | 82·4 | 79·0 | 92·8 | 76·0 | 149·4 | 74·8 | 0·945 | 85 | 95 | S by E | 55 | 0·06 | Cloudy: th. storm about 2-30 P.M. |
| 6 | 29·813 | 0·143 | 78·4 | 77·2 | 89·4 | 76·0 | 137·6 | 74·3 | 0·919 | 94 | 55 | W by S | 80 | 0·35 | Cloudy: rain: lg. |
| 7 | 29·831 | 0·079 | 76·8 | 76·2 | 87·1 | 74·8 | 144·4 | 73·5 | 0·898 | 98 | 67 | West | 93 | 0·11 | Cloudy with lg. |
| 8 | 29·780 | 0·102 | 79·4 | 75·7 | 91·8 | 71·7 | 142·2 | 69·1 | 0·841 | 84 | 69 | N by W | 80 | ... | Cloudy. |
| 9 | 29·755 | 0·078 | 80·3 | 76·2 | 87·4 | 75·6 | 121·2 | 74·1 | 0·850 | 82 | 71 | N by W | 85 | ... | Do. |
| 10 | 29·728 | 0·137 | 79·1 | 76·1 | 82·0 | 77·3 | 98·0 | 75·8 | 0·861 | 87 | 75 | N by W | 100 | ... | Overcast. |
| 11 | 29·708 | 0·079 | 81·0 | 76·3 | 89·0 | 75·2 | 126·1 | 73·1 | 0·844 | 79 | 61 | W N W | 95 | ... | Do. |
| 12 | 29·737 | 0·115 | 85·0 | 77·2 | 96·2 | 77·6 | 144·7 | 75·9 | 0·830 | 69 | 217 | SW by W | 40 | ... | Cloudy morning: fine day: lg. |
| 13 | 29·771 | 0·098 | 85·1 | 77·7 | 94·5 | 77·5 | 145·8 | 76·4 | 0·851 | 70 | 218 | SW by S | 65 | ... | Passing clouds. |
| 14 | 29·780 | 0·086 | 83·2 | 77·4 | 92·6 | 77·4 | 141·6 | 76·6 | 0·863 | 76 | 158 | S W | 77 | ... | Cloudy: lg. |
| 15 | 29·824 | 0·059 | 79·6 | 75·1 | 95·6 | 75·0 | 148·1 | 73·2 | 0·812 | 80 | 93 | W by S | 50 | 0·10 | Passing clouds: duststorm at 2 P.M. |
| 16 | 29·881 | 0·082 | 82·0 | 75·3 | 94·6 | 71·0 | 146·5 | 68·7 | 0·788 | 72 | 97 | N N E | 30 | ... | Passing clouds: fine night. |
| 17 | 29·951 | 0·137 | 82·8 | 77·3 | 92·3 | 73·0 | 146·2 | 70·6 | 0·864 | 77 | 122 | N N E | 30 | 0·09 | Fine. |
| 18 | 29·885 | 0·162 | 81·4 | 76·4 | 90·9 | 73·3 | 145·9 | 71·3 | 0·843 | 78 | 102 | E N E | 20 | ... | Do. |
| 19 | 29·892 | 0·086 | 81·0 | 76·4 | 91·6 | 71·5 | 144·3 | 68·3 | 0·849 | 80 | 68 | NE by E | 8 | ... | Do. |
| 20 | 29·915 | 0·098 | 82·6 | 75·0 | 95·2 | 71·4 | 147·9 | 68·8 | 0·767 | 69 | 84 | E N E | 10 | ... | Do. |
| 21 | 29·923 | 0·119 | 81·9 | 74·3 | 94·6 | 71·5 | 148·0 | 68·4 | 0·747 | 69 | 122 | E N E | 5 | ... | Do. |
| 22 | 29·907 | 0·091 | 81·6 | 74·4 | 90·9 | 71·3 | 136·7 | 69·0 | 0·755 | 70 | 158 | N by E | 60 | ... | Passing clouds. |
| 23 | 29·910 | 0·058 | 81·2 | 75·7 | 92·1 | 75·0 | 152·7 | 73·2 | 0·816 | 77 | 104 | N N E | 55 | ... | Do. |
| 24 | 29·890 | 0·078 | 84·1 | 76·9 | 93·9 | 73·5 | 146·2 | 70·8 | 0·829 | 71 | 191 | N by E | 40 | ... | Do. |
| 25 | 29·910 | 0·067 | 83·3 | 78·9 | 91·6 | 77·3 | 145·5 | 75·7 | 0·929 | 81 | 191 | NE by N | 60 | 0·02 | Do. |
| 26 | 29·911 | 0·063 | 78·7 | 75·8 | 85·7 | 76·7 | 120·9 | 75·2 | 0·853 | 87 | 97 | N by E | 98 | 0·03 | Overcast: distant th. and lg. |
| 27 | 29·900 | 0·086 | 78·9 | 76·0 | 91·1 | 74·9 | 144·9 | 74·0 | 0·859 | 87 | 121 | N E | 82 | 2·25 | Cloudy and rainy: th. storm 7 P.M. |
| 28 | 29·900 | 0·115 | 81·5 | 78·0 | 88·6 | 73·2 | 143·2 | 73·2 | 0·913 | 85 | 132 | NE by E | 73 | 0·31 | Cloudy: lg. |
| 29 | 29·874 | 0·149 | 78·6 | 76·3 | 88·3 | 73·2 | 143·3 | 72·3 | 0·877 | 90 | 50 | N by W | 70 | ... | Passing clouds: lg. |
| 30 | 29·839 | 0·129 | 79·7 | 77·4 | 88·7 | 74·4 | 144·9 | 73·3 | 0·910 | 90 | 65 | N E | 67 | 0·03 | Passing clouds: th. and lg. |
| 31 | 29·834 | 0·104 | 77·0 | 75·4 | 85·9 | 74·2 | 132·1 | 73·7 | 0·859 | 92 | 67 | N by E | 75 | 0·79 | Cloudy: rain: lg. |
| Mean | 29·842 | 0·101 | 81·2 | 76·8 | 91·1 | 74·6 | 141·5 | 72·9 | 0·863 | 81 | 107 | N by W | 57 | 4·17 | |

# Madras Meteorological Observations. 1890—November.

| November 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·828 | 0·131 | 80·4 | 77·1 | 87·5 | 74·3 | 143·5 | 73·0 | 0·888 | 86 | 74 | North | 70 | 0·06 | Passing clouds: lg. |
| 2 | 29·822 | 0·095 | 80·7 | 77·4 | 86·6 | 74·9 | 139·3 | 73·6 | 0·897 | 86 | 75 | East | 75 | 0·10 | Cloudy: lg. |
| 3 | 29·850 | 0·127 | 80·8 | 77·4 | 87·9 | 75·1 | 144·3 | 74·1 | 0·895 | 85 | 68 | E by N | 65 | 0·66 | Cloudy and showery: lg. |
| 4 | 29·901 | 0·088 | 77·0 | 74·9 | 80·2 | 74·9 | 98·5 | 73·9 | 0·839 | 91 | 98 | N N E | 100 | 0·36 | Overcast and showery. |
| 5 | 29·869 | 0·124 | 75·7 | 74·8 | 80·3 | 72·9 | 124·0 | 72·7 | 0·852 | 96 | 148 | N by W | 97 | 1·32 | Overcast: rain. |
| 6 | 29·843 | 0·089 | 77·8 | 75·8 | 83·4 | 74·9 | 131·9 | 73·8 | 0·866 | 91 | 51 | NW by N | 88 | 0·07 | Cloudy: lg. |
| 7 | 29·885 | 0·090 | 78·5 | 76·9 | 84·4 | 75·9 | 136·6 | 74·9 | 0·905 | 93 | 53 | S S E | 60 | 1·01 | Cloudy day: fine night: rain: lg. |
| 8 | 29·962 | 0·113 | 80·8 | 76·5 | 87·2 | 74·2 | 141·5 | 72·6 | 0·856 | 82 | 66 | E S E | 25 | ... | Fine with passing clouds: lg. |
| 9 | 29·982 | 0·116 | 81·2 | 78·4 | 88·1 | 74·3 | 142·7 | 72·9 | 0·936 | 88 | 100 | N E | 43 | 0·04 | Passing clouds. |
| 10 | 29·944 | 0·129 | 80·0 | 77·0 | 87·6 | 74·8 | 140·8 | 72·5 | 0·889 | 87 | 98 | NE by N | 45 | ... | Do. |
| 11 | 29·932 | 0·105 | 80·8 | 77·1 | 88·4 | 73·8 | 144·1 | 71·3 | 0·882 | 84 | 67 | NE by E | 25 | ... | Fine with passing clouds: lg. |
| 12 | 29·935 | 0·104 | 80·1 | 76·2 | 88·6 | 75·4 | 146·2 | 74·6 | 0·852 | 82 | 120 | N E | 70 | ... | Passing clouds: lg. |
| 13 | 29·956 | 0·068 | 81·6 | 76·3 | 88·2 | 74·9 | 145·1 | 72·6 | 0·836 | 78 | 132 | E N E | 37 | ... | Fine with passing clouds. |
| 14 | 29·985 | 0·072 | 79·1 | 74·2 | 87·2 | 70·9 | 140·0 | 68·1 | 0·781 | 78 | 137 | NE by N | 25 | ... | Do. |
| 15 | 29·972 | 0·089 | 78·1 | 73·1 | 87·3 | 69·2 | 145·7 | 65·6 | 0·749 | 78 | 112 | N N E | 37 | ... | Passing clouds. |
| 16 | 29·996 | 0·077 | 77·1 | 73·3 | 87·3 | 69·9 | 144·7 | 66·9 | 0·770 | 83 | 111 | N N E | 33 | ... | Passing clouds: lg. |
| 17 | 29·998 | 0·063 | 76·3 | 71·9 | 86·7 | 71·6 | 143·8 | 68·8 | 0·724 | 79 | 140 | N by E | 45 | 0·01 | Passing clouds. |
| 18 | 30·013 | 0·076 | 75·9 | 71·3 | 87·2 | 68·5 | 146·1 | 65·8 | 0·707 | 79 | 137 | N by E | 50 | ... | Do. |
| 19 | 30·020 | 0·093 | 77·2 | 72·4 | 86·0 | 68·1 | 142·2 | 65·2 | 0·733 | 78 | 130 | N by E | 22 | ... | Do. |
| 20 | 30·020 | 0·130 | 74·9 | 70·9 | 86·8 | 67·6 | 144·5 | 64·3 | 0·704 | 81 | 87 | N by E | 43 | ... | Do. |
| 21 | 30·022 | 0·105 | 76·4 | 73·0 | 85·9 | 67·2 | 146·1 | 64·3 | 0·767 | 84 | 159 | North | 32 | ... | Do. |
| 22 | 30·030 | 0·097 | 78·2 | 73·9 | 85·5 | 74·4 | 141·1 | 72·9 | 0·780 | 81 | 220 | N by E | 60 | 0·08 | Passing clouds: lg. |
| 23 | 30·045 | 0·102 | 78·0 | 73·5 | 86·0 | 71·4 | 140·4 | 69·3 | 0·767 | 80 | 215 | N by E | 70 | ... | Passing clouds. |
| 24 | 30·023 | 0·097 | 76·7 | 72·2 | 85·5 | 71·1 | 138·1 | 69·7 | 0·731 | 79 | 204 | N by E | 43 | ... | Do. |
| 25 | 29·990 | 0·115 | 78·1 | 74·2 | 84·4 | 71·2 | 132·1 | 70·6 | 0·794 | 82 | 230 | N N E | 47 | ... | Do. |
| 26 | 29·965 | 0·083 | 77·6 | 72·8 | 86·2 | 70·9 | 141·1 | 68·8 | 0·741 | 79 | 194 | N N E | 50 | ... | Do. |
| 27 | 29·965 | 0·118 | 76·2 | 72·7 | 86·2 | 68·7 | 141·9 | 66·8 | 0·758 | 84 | 183 | N by E | 48 | ... | Do. |
| 28 | 29·968 | 0·060 | 76·5 | 73·5 | 80·2 | 72·0 | 96·5 | 71·8 | 0·787 | 86 | 162 | N by E | 80 | 0·15 | Cloudy: rain. |
| 29 | 29·973 | 0·092 | 76·6 | 74·9 | 84·9 | 71·8 | 135·3 | 70·8 | 0·843 | 92 | 187 | N by W | 65 | 0·75 | Cloudy: rain: lg. |
| 30 | 29·929 | 0·131 | 77·1 | 74·8 | 82·9 | 71·4 | 136·8 | 70·5 | 0·833 | 90 | 217 | N by W | 35 | ... | Passing clouds. |
| Mean | 29·954 | 0·099 | 78·2 | 74·6 | 85·8 | 72·2 | 137·8 | 70·4 | 0·812 | 84 | 133 | N N E | 53 | 4·61 | |

# Madras Meteorological Observations. 1890—December.

| December 1890 | Barometer reduced to 32° | | Corrected Mean Temperature | | Self Registering Thermometers | | | | Deduced | | Wind | | Clouds | Rain | General Weather |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean | Range | Dry | Wet | Dry Max. | Dry Min. | Sun Max. | Grass Min. | Vapour Tension | Humidity | Daily Velocity | Mean Direction | | | |
| Day | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | Miles | Points | Cents | Inches | |
| 1 | 29·869 | 0·119 | 76·3 | 72·3 | 83·3 | 72·6 | 138·5 | 71·3 | 0·739 | 82 | 232 | N by W | 40 | ... | Passing clouds. |
| 2 | 29·882 | 0·074 | 75·2 | 72·7 | 81·8 | 68·1 | 126·1 | 64·9 | 0·772 | 88 | 154 | N by W | 47 | ... | Do. |
| 3 | 29·938 | 0·099 | 77·4 | 75·3 | 85·9 | 72·1 | 146·5 | 70·7 | 0·851 | 91 | 112 | N N E | 30 | | Do. |
| 4 | 29·953 | 0·110 | 79·9 | 77·1 | 86·7 | 74·3 | 141·5 | 72·9 | 0·894 | 88 | 72 | E N E | 57 | 0·01 | Passing clouds : lg. |
| 5 | 29·947 | 0·093 | 74·8 | 74·7 | 82·5 | 74·2 | 123·0 | 72·7 | 0·860 | 100 | 28 | N N E | 95 | 0·36 | Overcast with showers : lg. |
| 6 | 29·928 | 0·144 | 78·0 | 75·6 | 85·5 | 72·1 | 139·8 | 71·7 | 0·854 | 89 | 139 | N N E | 87 | 0·02 | Cloudy : lg. |
| 7 | 29·962 | 0·096 | 78·2 | 74·6 | 86·3 | 73·3 | 140·8 | 71·7 | 0·808 | 84 | 151 | N E | 57 | ... | Passing clouds. |
| 8 | 29·988 | 0·066 | 77·7 | 74·5 | 87·6 | 70·3 | 144·0 | 68·1 | 0·812 | 86 | 125 | N E | 60 | .. | Do. |
| 9 | 29·978 | 0·085 | 77·4 | 73·2 | 86·4 | 69·3 | 143·4 | 66·9 | 0·763 | 81 | 119 | NE by N | 23 | ... | Fine. |
| 10 | 29·960 | 0·108 | 76·1 | 73·6 | 86·4 | 72·3 | 140·9 | 70·5 | 0·796 | 88 | 106 | N N E | 47 | ... | Passing clouds. |
| 11 | 29·934 | 0·103 | 77·6 | 74·3 | 87·3 | 68·9 | 143·5 | 66·9 | 0·805 | 85 | 81 | NE by E | 20 | ... | Fine. |
| 12 | 29·957 | 0·096 | 77·6 | 73·6 | 87·3 | 69·3 | 142·9 | 66·9 | 0·776 | 82 | 68 | E N E | 15 | ... | Do. |
| 13 | 29·953 | 0·109 | 76·5 | 73·3 | 86·9 | 68·1 | 139·1 | 65·5 | 0·778 | 86 | 54 | E by N | 22 | ... | Do. |
| 14 | 29·956 | 0·091 | 76·6 | 74·5 | 87·1 | 68·3 | 141·3 | 65·7 | 0·829 | 91 | 45 | E by S | 15 | ... | Do. |
| 15 | 29·984 | 0·126 | 76·9 | 73·2 | 86·5 | 67·3 | 141·3 | 64·7 | 0·769 | 83 | 55 | East | 17 | ... | Do. |
| 16 | 29·999 | 0·120 | 76·9 | 73·3 | 87·3 | 66·9 | 139·2 | 64·2 | 0·773 | 84 | 85 | E N E | 12 | ... | Do. |
| 17 | 30·003 | 0·097 | 77·0 | 74·2 | 87·1 | 70·0 | 141·9 | 68·6 | 0·809 | 87 | 136 | E N E | 50 | 0·06 | Passing clouds. |
| 18 | 30·014 | 0·079 | 79·1 | 73·3 | 87·2 | 70·8 | 141·9 | 65·8 | 0·743 | 75 | 183 | N E | 32 | ... | Do. |
| 19 | 30·029 | 0·097 | 79·4 | 70·8 | 87·7 | 69·8 | 143·4 | 66·6 | 0·640 | 64 | 195 | NE by E | 35 | ... | Do. |
| 20 | 30·028 | 0·084 | 80·2 | 72·8 | 88·0 | 75·3 | 140·3 | 71·6 | 0·708 | 68 | 221 | NE by E | 28 | ... | Do. |
| 21 | 30·024 | 0·092 | 77·4 | 72·0 | 87·5 | 67·8 | 138·1 | 64·2 | 0·713 | 75 | 133 | N E | 25 | ... | Fine. |
| 22 | 30·011 | 0·115 | 76·9 | 72·2 | 87·3 | 68·6 | 142·3 | 64·6 | 0·728 | 78 | 109 | NE by N | 25 | .. | Do. |
| 23 | 30·031 | 0·101 | 76·8 | 72·5 | 87·3 | 67·6 | 141·3 | 64·0 | 0·744 | 81 | 133 | N E | 85 | ... | Fine with passing clouds |
| 24 | 30·083 | 0·092 | 80·9 | 75·2 | 87·9 | 71·4 | 144·9 | 68·8 | 0·798 | 75 | 146 | E N E | 40 | ... | Passing clouds. |
| 25 | 30·071 | 0·076 | 76·8 | 72·3 | 86·9 | 70·4 | 141·0 | 68·8 | 0·734 | 79 | 152 | NE by E | 65 | 0·04 | Cloudy. |
| 26 | 30·006 | 0·129 | 76·3 | 71·8 | 85·9 | 66·2 | 142·3 | 62·8 | 0·721 | 79 | 145 | NE by N | 30 | ... | Fine. |
| 27 | 30·035 | 0·063 | 75·3 | 70·5 | 87·3 | 65·0 | 141·1 | 62·6 | 0·683 | 78 | 88 | NE by N | 15 | ... | Do. |
| 28 | 30·062 | 0·081 | 76·1 | 71·0 | 86·5 | 66·8 | 142·7 | 63·6 | 0·692 | 77 | 100 | NE by N | 25 | ... | Do. |
| 29 | 30·052 | 0·091 | 75·1 | 70·8 | 87·5 | 64·6 | 142·1 | 60·6 | 0·697 | 80 | 97 | NE by N | 20 | ... | Do. |
| 30 | 30·025 | 0·123 | 75·3 | 70·5 | 87·0 | 63·8 | 139·4 | 60·6 | 0·683 | 78 | 82 | NE by N | 12 | ... | Do. |
| 31 | 30·016 | 0·114 | 74·4 | 70·4 | 87·2 | 62·9 | 141·1 | 59·8 | 0·691 | 81 | 105 | NE by N | 11 | ... | Do. |
| Mean | 29·990 | 0·099 | 77·1 | 73·1 | 86·6 | 69·3 | 140·5 | 66·7 | 0·763 | 82 | 118 | N E | 35 | 0·49 | |

## Madras Mean Monthly and Annual Meteorological Results in 1890.

| | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| January | 29·947 | 0·096 | 74·2 | 84·2 | 66·1 | 18·1 | 69·6 | Not recorded. | ·666 | 79 | 139·0 | 63·2 | 141 | 4 | N E | 0·35 | 2 | 70 |
| February | 29·968 | 0·105 | 76·1 | 87·3 | 66·0 | 21·3 | 71·6 | | ·718 | 80 | 142·2 | 63·0 | 105 | 6 | E N E | ... | ... | 88 |
| March | 29·858 | 0·116 | 81·5 | 90·6 | 74·3 | 16·3 | 76·1 | | ·830 | 77 | 145·8 | 72·5 | 167 | 13 | S E by S | .. | ... | 72 |
| April | 29·816 | 0·132 | 84·0 | 93·8 | 77·5 | 16·3 | 78·3 | | ·893 | 77 | 143·1 | 75·6 | 154 | 13 | S E by S | 0·17 | 1 | 75 |
| May | 29·701 | 0·113 | 87·4 | 101·3 | 82·0 | 19·3 | 80·1 | | ·931 | 73 | 147·5 | 81·5 | 215 | 16 | South | ... | ... | 77 |
| June | 29·694 | 0·119 | 84·4 | 95·6 | 79·1 | 16·5 | 77·5 | | ·853 | 73 | 136·7 | 78·0 | 179 | 19 | SW by S | 6·07 | 12 | 33 |
| July | 29·743 | 0·108 | 82·8 | 92·7 | 76·4 | 16·3 | 76·6 | | ·833 | 74 | 134·7 | 75·1 | 157 | 20 | S W | 7·33 | 15 | 28 |
| August | 29·772 | 0·111 | 81·5 | 90·8 | 76·8 | 14·0 | 76·4 | | ·840 | 78 | 136·7 | 75·4 | 124 | 19 | S W by S | 2·21 | 12 | 24 |
| September | 29·754 | 0·120 | 82·4 | 92·0 | 77·0 | 15·0 | 77·0 | | ·858 | 78 | 142·8 | 75·5 | 130 | 20 | S W | 2·59 | 12 | 31 |
| October | 29·842 | 0·101 | 81·2 | 91·1 | 74·6 | 16·5 | 76·8 | | ·863 | 81 | 141·5 | 72·9 | 107 | 31 | N by W | 4·17 | 12 | 43 |
| November | 29·954 | 0·099 | 78·2 | 85·8 | 72·2 | 13·6 | 74·6 | | ·812 | 84 | 137·8 | 70·4 | 133 | 2 | N N E | 4·61 | 12 | 47 |
| December | 29·990 | 0·099 | 77·1 | 86·6 | 69·3 | 17·3 | 73·1 | | ·763 | 82 | 140·5 | 66·7 | 118 | 4 | N E | 0·49 | 5 | 65 |
| Annual | 29·837 | 0·110 | 80·9 | 91·0 | 74·3 | 16·7 | 75·6 | | ·822 | 78 | 140·7 | 72·5 | 144 | 11 | S E by E | 27·99 | 83 | 54 |

## Madras Extreme Monthly Meteorological Records in 1890.

| | Barometer | | | | | Dry Bulb Thermometer | | | | Wet Bulb | | Humidity | | Sun Thermometer | | Grass Thermometer | | Wind | | | | Rain. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | | Lowest | | Range | Highest | | Lowest | | Lowest | | Lowest | | Highest | | Lowest | | Highest | | Lowest | | Greatest Fall | |
| | Inches | Day | Inches | Day | Inches | ° | Day | ° | Day | ° | Day | Cents | Day | ° | Day | ° | Day | Miles | Day | Miles | Day | Inches | Day |
| January | 30·047 | 31 | 29·791 | 25 | 0·256 | 88·9 | 24 | 61·8 | 2 | Not recorded. | | 51 | 1 | 147·4 | 5 | 56·8 | 1 | 252 | 14 | 71 | 21 | 0·21 | 8 |
| February | 30·120 | 3 | 29·797 | 16 | 0·323 | 92·6 | 21 | 61·7 | 4 | | | 47 | 15 | 146·7 | 21 | 58·1 | 4 | 167 | 13 | 57 | 15 | ... | ... |
| March | 30·021 | 4 | 29·750 | 14 | 0·271 | 95·6 | 26 | 71·2 | 20 | | | 54 | 29 | 150·6 | 5 | 66·2 | 1 | 272 | 17 | 90 | 1 | ... | ... |
| April | 29·985 | 8 | 29·691 | 25 | 0·294 | 98·3 | 25 | 74·2 | 10 | | | 43 | 16 | 153·2 | 24 | 72·0 | 10 | 259 | 24 | 91 | 27 | 0·17 | 26 |
| May | 29·824 | 1 | 29·543 | 7 | 0·281 | 109·0 | 9 | 76·3 | 1 | | | 29 | 31 | 156·7 | 10 | 74·9 | 1 | 309 | 31 | 151 | 1 | ... | ... |
| June | 29·831 | 26 | 29·596 | 8 | 0·235 | 103·5 | 1 | 72·1 | 26 | | | 35 | 21 | 157·1 | 6 | 71·3 | 26 | 269 | 1 | 111 | 29 | 1·26 | 15 |
| July | 29·862 | 3 | 29·636 | 22 | 0·226 | 96·2 | 4 | 72·4 | 31 | | | 41 | 12 | 147·2 | 12 | 71·7 | 31 | 247 | 14 | 82 | 30 | 2·04 | 26 |
| August | 29·887 | 22 | 29·672 | 5 | 0·215 | 95·0 | 24 | 74·0 | 24 | | | 49 | 11 | 152·2 | 24 | 70·7 | 17 | 184 | 11 | 71 | 16 | 1·09 | 20 |
| September | 29·933 | 3 | 29·631 | 9 | 0·302 | 97·7 | 24 | 72·9 | 5 | | | 45 | 21 | 153·8 | 26 | 71·8 | 5 | 214 | 20 | 44 | 7 | 0·86 | 9 |
| October | 30·029 | 17 | 29·676 | 11 | 0·353 | 96·2 | 12 | 71·0 | 16 | | | 39 | 20 | 153·7 | 2 | 68·3 | 19 | 218 | 13 | 50 | 29 | 2·25 | 27 |
| November | 30·084 | 23 | 29·780 | 2 | 0·304 | 88·6 | 12 | 67·2 | 21 | | | 58 | 15 | 146·2 | 12 | 64·3 | 20 | 230 | 25 | 51 | 6 | 1·32 | 5 |
| December | 30·111 | 24 | 29·827 | 1 | 0·284 | 88·0 | 20 | 62·9 | 31 | | | 52 | 30 | 146·5 | 3 | 59·8 | 31 | 232 | 1 | 28 | 5 | 0·36 | 5 |

## Mean Monthly Meteorological Averages, 1861—1890.

| | January | February | March | April | May | June | July | August | September | October | November | December | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Barometer (reduced to 32°) ... | 29·995 | 29·964 | 29·909 | 29·826 | 29·733 | 29·702 | 29·724 | 29·747 | 29·773 | 29·840 | 29·922 | 29·979 | 29·843 |
| Barometer reduced to Sea Level and to Gravity at lat. 45° ... | 29·949 | 29·918 | 29·863 | 29·780 | 29·686 | 29·655 | 29·678 | 29·701 | 29·727 | 29·794 | 29·876 | 29·933 | 29·797 |
| Daily Range.......................... | 0·119 | 0·125 | 0·131 | 0·133 | 0·125 | 0·122 | 0·122 | 0·126 | 0·131 | 0·124 | 0·114 | 0·112 | 0·124 |
| Dry Bulb in Shade .............. | 74·9 | 76·6 | 80·2 | 84·2 | 87·0 | 86·7 | 84·8 | 83·2 | 83·2 | 80·8 | 77·6 | 75·5 | 81·2 |
| Wet Bulb in Shade .............. | 69·1 | 70·6 | 73·9 | 77·5 | 78·4 | 76·7 | 75·9 | 76·1 | 76·2 | 75·6 | 72·8 | 70·5 | 74·4 |
| Percentage of Humidity........ | 73 | 73 | 73 | 73 | 67 | 62 | 65 | 70 | 72 | 78 | 79 | 77 | 72 |
| Pressure of Vapour.............. | 0·638 | 0·672 | 0·756 | 0·858 | 0·860 | 0·786 | 0·777 | 0·802 | 0·812 | 0·819 | 0·748 | 0 684 | 0·768 |
| Solar Heat in Vacuo ........... | 138·1 | 139·5 | 140·5 | 141·7 | 142·5 | 139·8 | 136·9 | 139·3 | 140·3 | 136·5 | 133·5 | 133·6 | 138·5 |
| Dry Maximum in Shade ...... | 83·4 | 85·9 | 89·1 | 92·7 | 97·7 | 98·1 | 95·6 | 93·5 | 92·8 | 88·7 | 84·5 | 82·7 | 90·4 |
| Dry Minimum in Shade ......... | 67·7 | 68·2 | 72·3 | 77·3 | 80·9 | 80·6 | 78·7 | 77·4 | 77·2 | 75·4 | 72·4 | 70·1 | 74·9 |
| Grass Minimum ................. | 63·1 | 63·8 | 68·6 | 74·3 | 78·9 | 78·6 | 76·7 | 75·3 | 74·9 | 72·9 | 69·6 | 66·4 | 71·9 |
| Rainfall in Inches .............. | 0·79 | 0·31 | 0·29 | 0·48 | 1·78 | 2·61 | 4·12 | 4·81 | 4·34 | 10·80 | 13·60 | 5·75 | 49·68 |
| Rainfall since January 1st...... | 0·79 | 1·10 | 1·39 | 1·87 | 3·65 | 6·26 | 10·38 | 15·19 | 19·53 | 30·33 | 43·93 | 49·68 | 49·68 |
| Wind Velocity in Miles ......... | 145 | 123 | 151 | 186 | 224 | 220 | 198 | 174 | 156 | 123 | 162 | 180 | 170 |
| Wind Direction .................. | NE by E | East | S E | S E by S | S by E | SW by S | S W | SW by S | S S W | NE | NE by N | N N E | S E |
| Percentage of Cloudy Sky ... | 37 | 24 | 23 | 28 | 38 | 64 | 71 | 67 | 63 | 58 | 59 | 52 | 49 |

# Madras Mean Annual Meteorological Results, 1861—1890.

| Years | Barometer | | Dry Bulb Thermometer | | | | Wet Bulb | | Tension of Vapour | Relative Humidity | Sun Maximum | Minimum on Grass | Wind | | | Rain | | Clear Sky |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Reduced to 32° | Daily Range | Mean | Max. | Min. | Range | Mean | Min. | By Blanford's Tables | | | | Daily Velocity | Mean Direction | | Amount | Days | |
| | Inches | Inches | ° | ° | ° | ° | ° | ° | Inches | Cents | ° | ° | Miles | Points | Points | Inches | No. | Cents |
| 1861 | 29·829 | 0·124 | 81·1 | 89·0 | 74·6 | 14·4 | 74·9 | 71·4 | 0·788 | 74 | ... | ... | ... | 15 | S by E | 37·19 | 72 | ... |
| 1862 | 29·829 | 0·126 | 81·2 | 89·5 | 75·2 | 14·3 | 74·7 | 71·5 | 0·778 | 73 | ... | 71·8 | 160 | 12 | S E | 38·18 | 95 | 51 |
| 1863 | 29·832 | 0·123 | 81·0 | 88·3 | 75·0 | 13·3 | 74·3 | 71·4 | 0·766 | 73 | ... | 71·2 | 139 | 12 | S E | 54·61 | 99 | 52 |
| 1864 | 29·874 | 0·125 | 80·8 | 88·4 | 74·8 | 13·6 | 73·5 | 70·6 | 0·735 | 70 | ... | 70·2 | ... | 12 | S E | 47·23 | 77 | 56 |
| 1865 | 29·865 | 0·123 | 82·0 | 89·7 | 75·9 | 13·8 | 74·6 | 71·6 | 0·764 | 70 | ... | 71·6 | 177 | 12 | S E | 41·64 | 86 | 51 |
| 1866 | 29·845 | 0·125 | 82·3 | 90·3 | 76·3 | 14·0 | 74·6 | 71·7 | 0·759 | 69 | 135·7 | 72·1 | 193 | 13 | S E by S | 51·39 | 85 | 56 |
| 1867 | 29·855 | 0·125 | 81·5 | 89·5 | 75·4 | 14·1 | 73·9 | 70·9 | 0·741 | 69 | 134·7 | 70·0 | 184 | 13 | S E by S | 24·37 | 79 | 53 |
| 1868 | 29·853 | 0·122 | 81·1 | 90·8 | 74·3 | 16·5 | 74·5 | 71·4 | 0·772 | 73 | 137·1 | 71·1 | 182 | 11 | S E by E | 41·43 | 68 | 55 |
| 1869 | 29·824 | 0·125 | 82·4 | 91·9 | 76·0 | 15·9 | 75·1 | 72·1 | 0·778 | 71 | 138·6 | 73·5 | 194 | 12 | S E | 32·31 | 101 | 50 |
| 1870 | 29·814 | 0·121 | 80·7 | 89·7 | 74·5 | 15·3 | 74·0 | 71·1 | 0·755 | 72 | 134·9 | 71·7 | 174 | 12 | S E | 74·10 | 98 | 48 |
| 1871 | 29·836 | 0·123 | 81·5 | 91·2 | 75·2 | 16·0 | 74·2 | 71·3 | 0·750 | 70 | 135·8 | 71·9 | 178 | 10 | E S E | 56·35 | 94 | 50 |
| 1872 | 29·826 | 0·120 | 80·9 | 90·3 | 74·7 | 15·6 | 74·1 | 71·3 | 0·756 | 72 | 132·9 | 71·6 | 177 | 14 | S S E | 73·67 | 110 | 52 |
| 1873 | 29·839 | 0·125 | 80·9 | 90·8 | 74·7 | 16·1 | 73·9 | 71·0 | 0·748 | 71 | 133·6 | 71·3 | 178 | 13 | S E by S | 51·83 | 96 | 52 |
| 1874 | 29·836 | 0·123 | 80·5 | 89·8 | 74·2 | 15·6 | 74·0 | 71·0 | 0·757 | 73 | 131·8 | 71·1 | 168 | 12 | S E | 62·90 | 105 | 53 |
| 1875 | 29·835 | 0·126 | 81·3 | 91·2 | 74·9 | 16·3 | 73·9 | 71·0 | 0·742 | 71 | 137·5 | 72·0 | 171 | 11 | S E by E | 37·12 | 94 | 49 |
| 1876 | 29·835 | 0·126 | 81·4 | 92·2 | 74·1 | 18·1 | 73·3 | 70·1 | 0·719 | 67 | 144·5 | 71·8 | 179 | 12 | S E | 21·60 | 73 | 56 |
| 1877 | 29·889 | 0·121 | 81·8 | 92·0 | 75·5 | 16·5 | 74·2 | 71·4 | 0·749 | 69 | 141·3 | 73·6 | 188 | 12 | S E | 66·20 | 98 | 48 |
| 1878 | 29·848 | 0·124 | 82·4 | 91·9 | 76·0 | 15·9 | 74·9 | 72·1 | 0·771 | 70 | 133·1 | 74·0 | 161 | 12 | S E | 28·65 | 89 | 47 |
| 1879 | 29·829 | 0·123 | 81·0 | 90·5 | 74·6 | 15·9 | 73·6 | 70·7 | 0·734 | 69 | 136·0 | 72·5 | 175 | 11 | S E by E | 54·25 | 107 | 46 |
| 1880 | 29·839 | 0·127 | 81·1 | 90·6 | 74·7 | 15·9 | 73·6 | 70·7 | 0·732 | 69 | 142·7 | 72·3 | 157 | 12 | S E | 61·80 | 115 | 47 |
| 1881 | 29·846 | 0·124 | 81·5 | 91·6 | 74·8 | 16·8 | 74·1 | 71·0 | 0·750 | 70 | 143·6 | 72·0 | 170 | 12 | S E | 44·04 | 91 | 50 |
| 1882 | 29·831 | 0·129 | 81·2 | 91·1 | 74·6 | 16·5 | 73·8 | 70·9 | 0·739 | 70 | 141·7 | 72·4 | 175 | 14 | S S E | 50·20 | 94 | 48 |
| 1883 | 29·841 | 0·127 | 80·9 | 90·4 | 74·6 | 15·8 | 74·8 | 71·8 | 0·789 | 75 | 141·3 | 72·1 | 178 | 11 | S E by E | 60·54 | 92 | 47 |
| 1884 | 29·863 | 0·130 | 80·5 | 90·5 | 74·1 | 16·3 | 74·6 | 71·4 | 0·783 | 75 | 139·8 | 71·6 | 176 | 11 | S E by E | 78·92 | 99 | 50 |
| 1885 | 29·864 | 0·129 | 81·0 | 90·0 | 74·7 | 15·3 | 74·8 | 72·0 | 0·786 | 74 | 140·7 | 72·4 | 165 | 12 | S E | 47·88 | 93 | 55 |
| 1886 | 29·838 | 0·127 | 80·7 | 89·7 | 74·4 | 15·3 | 75·1 | 72·1 | 0·803 | 77 | 139·9 | 72·0 | 143 | 11 | S E by E | 47·78 | 109 | 53 |
| 1887 | 29·834 | 0·128 | 80·8 | 89·9 | 74·6 | 15·3 | 75·4 | 72·1 | 0·813 | 77 | 140·6 | 72·4 | 166 | 12 | S E | 70·24 | 100 | 51 |
| 1888 | 29·858 | 0·116 | 81·0 | 90·4 | 74·7 | 15·7 | 75·6 | 72·5 | 0·821 | 77 | 141·4 | 72·3 | 160 | 12 | S E | 62·48 | 106 | 55 |
| 1889 | 29·840 | 0·112 | 81·2 | 90·7 | 74·6 | 16·1 | 75·8 | ... | 0·827 | 78 | 142·3 | 72·3 | 148 | 13 | S E by S | 43·39 | 84 | 53 |
| 1890 | 29·837 | 0·110 | 80·9 | 91·0 | 74·3 | 16·7 | 75·6 | ... | 0·822 | 78 | 140·7 | 72·5 | 144 | 11 | S E by E | 27·99 | 83 | 54 |
| Means 1861 to 1890 | 29·843 | 0·124 | 81·2 | 90·4 | 74·9 | 15·6 | 74·4 | 71·4 | 0·768 | 72 | 138·5 | 72·0 | 170 | 12 | S E | 49·68 | 93 | 51 |
| Means 1841 to 1860 | 29·844 | 0·124 | 80·6 | 87·4 | 75·0 | 12·4 | 74·0 | ... | ... | 74 | .. | | ... | 13 | S E by S | 50·75 | 89 | 50 |

# Madras Extreme Annual Meteorological Records 1861—1890.

| Years | Barometer | | | | | | | Dry Bulb Thermometer | | | | | | Wet Bulb | | | Humidity | | | Sun Thermometer | | | Grass Thermometer | | | Wind Velocity | | | | | | Rain | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Highest | Month | Day | Lowest | Month | Day | Range | Highest Maximum | Month | Day | Lowest Minimum | Month | Day | Lowest | Month | Day | Lowest | Month | Day | Highest | Month | Day | Lowest | Month | Day | Highest | Month | Day | Lowest | Month | Day | Greatest Fall | Month | Day |
| 1861 ... | 30·115 | Jan. | 1 | 29·527 | May | 23 | 0·588 | 106·9 | May | 12 | 62·2 | Feb. | 16 | 61·0 | Feb. | 16 | 36 | Jun. | 3 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4·98 | Nov. | 6 |
| 1862 ... | 30·123 | Dec. | 31 | 29·508 | Jun. | 29 | 0·615 | 107·1 | May | 30 | 62·6 | Dec. | 31 | 60·0 | Feb | 27 | 24 | Feb. | 27 | ... | ... | ... | 56·9 | Dec. | 31 | 328 | May | 22 | 55 | Sep. | 21 | 3·28 | Dec. | 14 |
| 1863 ... | 30·137 | Jan. | 11 | 29·548 | Jun. | 1 | 0·589 | 103·0 | Jun. | 5 | 63·0 | Jan. | 1 | 62·0 | Jan. | 1 | 30 | Sep. | 25 | ... | ... | ... | 57·3 | Jan. | 1 | 349 | Oct. | 19 | 52 | Oct. | 22 | 5·48 | Dec. | 4 |
| 1864 ... | 30·155 | Dec. | 26 | 29·492 | Jun. | 11 | 0·663 | 101·6 | Jun. | 1 | 60·5 | Jan. | 28 | 58·5 | Jan. | 28 | 32 | July | 26 | ... | ... | ... | 51·6 | Jan. | 25 | 431 | Oct. | 19 | 67 | Nov. | 20 | 9·35 | Nov. | 18 |
| 1865 ... | 30·167 | Jan. | 18 | 29·517 | May | 31 | 0·650 | 103·4 | May | 5 | 63·3 | Jan. | 28 | 61·5 | Jan. | 28 | 33 | July | 17 | ... | ... | ... | 55·1 | Jan. | 28 | 700 | Nov. | 26 | 59 | Oct. | 31 | 4·73 | Nov. | 25 |
| 1866 ... | 30·171 | Jan. | 24 | 29·513 | Jun. | 16 | 0·658 | 110·6 | May | 28 | 63·2 | Nov. | 27 | 60·2 | Nov. | 27 | **17** | **May** | **28** | 155·0 | May | 19 | 55·0 | Nov. | 27 | 443 | Jun. | 16 | 49 | Oct. | 4 | 7·99 | Dec. | 5 |
| 1867 ... | 30·149 | Jan. | 20 | 29·467 | Jun. | 18 | 0·682 | 107·3 | Jun. | 1 | 63·2 | Dec. | 21 | 59·1 | Nov. | 1 | 27 | Mar. | 1 | 156·6 | Jun. | 5 | 53·1 | Dec. | 21 | 378 | May | 25 | 50 | Sep. | 29 | 3·64 | Nov. | 30 |
| 1868 ... | 30·126 | Jan. | 2 | 29·389 | Jun. | 6 | 0·737 | 106·7 | Apl. | 30 | 61·3 | Dec. | 12 | 61·2 | Dec. | 12 | 29 | Apl | 30 | 155·8 | Oct. | 9 | 53·6 | Dec. | 12 | 352 | May | 12 | 80 | Dec. | 12 | 4·08 | Jun. | 4 |
| 1869 ... | 30·173 | Jan. | 15 | 29·518 | Jun. | 29 | 0·655 | 106·4 | Jun. | 15 | 62·0 | Feb. | 17 | 59·0 | Nov. | 25 | 27 | Apl. | 7 | 152·6 | Jun. | 15 | 57·2 | Feb. | 17 | 359 | May | 9 | 47 | Apl. | 23 | 2·10 | July | 31 |
| 1870 ... | 30·121 | Dec. | 4 | 29·484 | May | 10 | 0·637 | 110·6 | May | 12 | 59·1 | Dec. | 22 | 58·1 | Dec. | 22 | **17** | **May** | **10** | 159·6 | May | 12 | 53·0 | Feb. | 6 | 419 | Jan. | 15 | 56 | Feb. | 6 | 5·93 | Oct. | 20 |
| 1871 ... | 30·111 | Feb. | 1 | 29·515 | Jun. | 5 | 0·596 | 104·3 | May | 21 | 62·2 | Jan. | 30 | 60·8 | Jan. | 30 | 28 | May | 21 | 152·4 | July | 10 | 55·4 | Feb. | 6 | 396 | Nov. | 7 | 55 | Oct. | 18 | 4·84 | Nov. | 1 |
| 1872 ... | 30·122 | Jan. | 20 | 29·319 | May | 2 | 0·803 | 107·5 | May | 26 | 63·1 | Jan. | 7 | 60·9 | Dec. | 29 | 33 | July | 13 | 150·6 | May | 21 | 56·6 | Jan. | 9 | **716** | **May** | **2** | 35 | Dec. | 1 | 7·79 | Oct. | 13 |
| 1873 ... | 30·111 | Dec. | 10 | 29·499 | May | 30 | 0·612 | 106·3 | Jun. | 1 | 60·9 | Jan. | 17 | 60·2 | Dec. | 29 | 25 | July | 9 | 151·4 | Aug. | 30 | 52·2 | Jan. | 17 | 356 | Nov. | 20 | 65 | Dec. | 9 | 6·57 | Dec. | 1 |
| 1874 ... | 30·163 | Jan. | 19 | **29·306** | **May** | **5** | **0·857** | 102·2 | May | 31 | 59·6 | Jan. | 15 | 58·8 | Jan. | 15 | 36 | May | 24 | 149·6 | Oct. | 1 | **51·5** | **Jan.** | **15** | 690 | May | 5 | 32 | Oct. | 10 | 7·47 | Oct. | 24 |
| 1875 ... | 30·113 | Dec. | 24 | 29·550 | May | 9 | 0·563 | 109·6 | May | 8 | 61·4 | Jan. | 10 | 59·5 | Jan. | 7 | 29 | Jun. | 24 | 159·1 | Nov. | 9 | 54·7 | Jan. | 14 | 355 | July | 16 | 43 | Jan. | 15 | 3·50 | Nov. | 14 |
| 1876 ... | 30·144 | Dec. | 7 | 29·531 | May | 6 | 0·613 | 109·1 | May | 15 | **57·6** | **Jan.** | **27** | **55·5** | **Jan.** | **27** | 24 | Oct. | 8 | 157·5 | May | 29 | 52·3 | Jan. | 27 | 359 | Jun. | 30 | 36 | Jan. | 25 | 2·30 | Nov. | 10 |
| 1877 ... | 30·168 | Feb. | 19 | 29·432 | May | 18 | 0·736 | 107·3 | May | 25 | 61·7 | Jan. | 3 | 58·1 | Jan. | 3 | 24 | July | 10 | 150·3 | Aug. | 10 | 58·2 | Jan. | 3 | 612 | May | 18 | 50 | May | 14 | **13·01** | **May** | **18** |
| 1878 ... | 30·158 | Jan. | 11 | 29·564 | Jun. | 14 | 0·594 | 109·5 | Jun. | 2 | 61·5 | Nov. | 19 | 57·8 | Nov. | 19 | 31 | May | 20 | 158·4 | Jun. | 20 | 58·3 | Dec. | 22 | 309 | May | 12 | 52 | Oct. | 13 | 4·37 | Oct. | 6 |
| 1879 ... | 30·133 | Feb. | 5 | 29·382 | May | 20 | 0·751 | 108·3 | Apl. | 15 | 62·2 | Jan. | 18 | 59·9 | Feb. | 7 | 28 | Mar. | 1 | 160·4 | Sep. | 20 | 57·7 | Dec. | 27 | 563 | May | 21 | 46 | Oct. | 5 | 3·66 | Oct. | 8 |
| 1880 ... | 30·147 | Dec. | 13 | 29·484 | May | 31 | 0·663 | 107·9 | May | 30 | 59·0 | Jan. | 3 | 56·4 | Jan. | 3 | 23 | July | 15 | 163·6 | Sep. | 20 | 54·0 | Jan. | 3 | 352 | May | 7 | **25** | **Oct.** | **18** | 5·66 | Nov. | 28 |
| 1881 ... | 30·196 | Feb. | 7 | 29·506 | May | 23 | 0·690 | **112·9** | **May** | **21** | 60·4 | Jan. | 31 | 58·3 | Feb. | 10 | 26 | July | 15 | 159·2 | May | 21 | 55·1 | Feb. | 10 | 530 | Nov. | 12 | 46 | Nov. | 17 | 8·19 | Nov. | 12 |
| 1882 ... | 30·180 | Jan. | 20 | 29·467 | Jun. | 6 | 0·713 | 107·9 | May | 23 | 59·0 | Jan. | 30 | 57·7 | Jan. | 30 | 26 | Jun. | 10 | 160·5 | Sep. | 26 | 52·2 | Jan. | 30 | 408 | Jun. | 12 | 36 | Oct. | 19 | 7·38 | Nov. | 29 |
| 1883 ... | 30·197 | Jan. | 4 | 29·544 | Jun. | 7 | 0·653 | 107·7 | May | 24 | 61·4 | Dec. | 28 | 60·5 | Dec. | 28 | 32 | Jun. | 12 | 160·7 | Sep. | 53 | 56·5 | Dec. | 6 | 346 | May | 11 | 60 | Oct. | 5 | 4·88 | Oct. | 2 |
| 1884 ... | 30·178 | Feb. | 19 | 29·536 | July | 13 | 0·642 | 107·5 | May | 17 | 59·4 | Feb. | 7 | 58·6 | Feb. | 7 | 27 | Jun. | 29 | 154·4 | Sep. | 11 | 53·7 | Feb. | 6 | 472 | Nov. | 21 | 55 | Mar. | 13 | 5·72 | Nov. | 7 |
| 1885 ... | **30·201** | **Jan.** | **23** | 29·568 | Aug. | 12 | 0·633 | 101·9 | July | 26 | 62·0 | Jan. | 26 | 61·2 | Jan. | 26 | 27 | Jun. | 26 | 160·7 | Mar. | 25 | 57·5 | Jan. | 26 | 383 | Nov. | 2 | 62 | Oct. | 11 | 6·00 | Nov. | 16 |
| 1886 ... | 30·152 | Feb. | 9 | 29·515 | Jun. | 16 | 0·637 | 106·5 | May | 9 | 61·3 | Dec. | 9 | 60·7 | Dec. | 9 | 33 | May | 8 | 156·9 | Sep. | 18 | 58·1 | Feb. | 18 | 579 | Nov. | 9 | 31 | Oct. | 3 | 2·90 | Nov. | 9 |
| 1887 ... | 30·194 | Feb. | 15 | 29·546 | May | 25 | 0·618 | 106·7 | May | 17 | 60·6 | Feb. | 22 | 60·2 | Feb. | 22 | 33 | May | 22 | 159·9 | Mar. | 20 | 57·0 | Feb. | 22 | 330 | Oct. | 9 | 47 | Oct. | 16 | 5·75 | Oct. | 28 |
| 1888 ... | 30·190 | Feb. | 3 | 29·464 | Oct. | 31 | 0·726 | 104·1 | Jun. | 2 | 61·1 | Dec. | 30 | 60·6 | Dec. | 30 | 39 | Jun. | 14 | 154·3 | Sep. | 10 | 57·4 | Jan. | 18 | 661 | Oct. | 31 | 31 | Nov. | 4 | 9·20 | Oct. | 31 |
| 1889 ... | 30·121 | Jan. | 8 | 29·512 | July | 17 | 0·609 | 108·1 | May | 21 | 61·9 | Dec. | 1 | ... | ... | ... | 26 | May | 23 | **163·7** | **Jun** | **6** | 55·8 | Jan. | 13 | 277 | Jun. | 5 | 42 | Jan. | 13 | 5·07 | Dec. | 18 |
| 1890 ... | 30·120 | Feb. | 3 | 29·543 | May | 7 | 0·577 | 109·0 | May | 9 | 61·7 | Feb. | 4 | ... | ... | ... | 29 | May | 31 | 157·1 | Jun. | 6 | 56·8 | Jan. | 1 | 309 | May | 31 | 28 | Dec. | 5 | 2·25 | Oct. | 27 |

# Mean Monthly Resultant Wind Direction and Velocity.

| Years | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points | Miles | Points |
| 1868...... | 170 | N E | 94 | E by S | 130 | SE by E | 168 | SE by S | 213 | SE by S | 118 | S S W | 94 | SW by S | 120 | SW by S | 82 | SW by S | 69 | NE by E | 117 | N N E | 108 | N E by N |
| 1869...... | 147 | NE by E | 120 | E S E | 162 | S E | 189 | SE by S | 225 | S S E | 167 | W S W | 106 | S W | 74 | S S W | 96 | SW by S | 11 | N W | 164 | N by E | 144 | N N E |
| 1870...... | 154 | N by E | 112 | NE by N | 109 | E S E | 173 | SE by S | 196 | S by E | 119 | S S W | 146 | W by S | 79 | S W | 73 | S.W | 29 | S S E | 100 | NE by N | 181 | North |
| 1871...... | 114 | NE by E | 92 | E by S | 120 | SE by S | 182 | S S E | 150 | South | 156 | SW by W | 142 | SW by W | 87 | SW by S | 112 | SW by S | 10 | E N E | 133 | NE by N | 171 | N E |
| 1872...... | 151 | NE by E | 102 | E S E | 145 | SE by S | 164 | S E | 187 | S by E | 129 | SW by S | 129 | S W | 134 | S W | 81 | S S W | 54 | NW by N | 162 | N N E | 129 | NE by N |
| 1873...... | 100 | NE by E | 103 | E by N | 128 | SE by E | 156 | SE by S | 186 | S S E | 148 | SW by S | 164 | SW by S | 96 | S W | 91 | SW by S | 66 | NW by N | 177 | North | 134 | N by E |
| 1874...... | 121 | N E | 90 | East | 158 | S E | 192 | S E | 106 | S by W | 133 | SW by S | 132 | S W | 103 | SW by S | 86 | S W | 70 | N N W | 124 | N by W | 194 | North |
| 1875...... | 79 | NE by E | 110 | NE by E | 139 | S E | 158 | SE by S | 185 | S by E | 149 | SW by S | 163 | W S W | 95 | SW by S | 85 | S W | 44 | North | 151 | N N E | 149 | NE by N |
| 1876...... | 117 | N E | 70 | E by S | 160 | SE by S | 194 | SE by S | 149 | South | 130 | SW by S | 156 | SW by W | 90 | SW by S | 86 | S by W | 77 | N E by E | 141 | NE by N | 191 | N E by N |
| 1877...... | 154 | NE by E | 129 | E S E | 163 | S E | 188 | S E | 120 | S by E | 145 | S S W | 120 | S S W | 137 | S S W | 92 | South | 60 | E S E | 136 | N N E | 173 | N E |
| 1878...... | 125 | NE by E | 76 | East | 145 | SE by E | 165 | SE by E | 171 | SE by S | 146 | S S W | 103 | S by W | 108 | S by W | 98 | SW by S | 52 | W by S | 90 | N by E | 141 | North |
| 1879...... | 155 | N N E | 114 | E N E | 107 | SE by E | 181 | S E | 174 | S by E | 127 | SW by S | 88 | S by W | 134 | S W | 89 | SW by S | 35 | North | 121 | N by W | 210 | N by E |
| 1880...... | 107 | N E | 102 | E by S | 128 | S E | 171 | SE by S | 180 | S by E | 124 | SW by S | 143 | W S W | 69 | SW by W | 91 | W S W | 30 | NE by E | 102 | NE by N | 71 | NE by N |
| 1881...... | 181 | N E | 86 | E N E | 139 | S E | 186 | SE by S | 147 | S S E | 71 | S W | 132 | S W | 99 | S W by S | 73 | S W | 45 | N E | 112 | N N E | 209 | N by E |
| 1882...... | 106 | N E | 78 | E by S | 131 | SE by S | 150 | SE by S | 166 | S by E | 174 | SW by W | 189 | SW by W | 102 | S W | 101 | S W | 52 | NW by N | 78 | N E | 170 | N N E |
| 1883...... | 152 | N E | 91 | E by S | 139 | SE by S | 164 | SE by S | 191 | S S E | 151 | S W | 132 | S W | 120 | S S W | 92 | S S W | 39 | NE by N | 128 | N N E | 185 | N N E |
| 1884...... | 132 | NE by N | 82 | SE by E | 125 | SE by S | 164 | S S E | 155 | S by E | 130 | SW by S | 89 | S S W | 109 | S W | 97 | SW by W | 56 | NE by N | 137 | N by E | 193 | NE by N |
| 1885...... | 129 | N E | 105 | SE by E | 121 | S E | 172 | S S E | 180 | S S E | 128 | S W | 200 | SW by W | 123 | S S W | 62 | S by W | 43 | S S E | 115 | N by E | 137 | N by E |
| 1886...... | 113 | N E | 86 | E N E | 120 | S E | 167 | S S E | 98 | SE by S | 120 | SW by S | 90 | S W | 83 | SW by W | 62 | S W | 20 | W by N | 81 | N N E | 111 | N N E |
| 1887...... | 199 | E N E | 88 | E by N | 155 | SE by S | 139 | S E | 142 | S by W | 144 | S W | 148 | W S W | 69 | S S W | 76 | SW by W | 27 | NE by N | 107 | NE by N | 178 | NE by N |
| 1888...... | 90 | N E | 90 | SE by E | 121 | SE by S | 178 | S S E | 158 | S by E | 138 | S W | 120 | S W | 126 | S W | 65 | S by W | 65 | NE by N | 74 | NE by E | 119 | N N E |
| 1889...... | 99 | N E | 81 | East | 105 | SE by E | 140 | SE by S | 152 | S S E | 114 | W S W | 126 | SW by W | 115 | SW by W | 72 | S by W | 35 | W S W | 103 | N by E | 135 | North |
| 1890...... | 123 | N E | 84 | E N E | 152 | SE by S | 137 | SE by S | 142 | S by E | 108 | SW by S | 108 | S W | 62 | SW by W | 67 | SW by W | 28 | NE by N | 116 | N N.E | 105 | N E |
| (23 years Means) | 130 | N E | 95 | East | 135 | S E | 169 | SE by S | 164 | S by E | 133 | SW by S | 131 | S W | 101 | SW by S | 84 | SW by S | 44 | N N E | 120 | N N E | 154 | N N E |